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UNITED STATES OF AMERICA.

THE RECORDS

OF

LIVING OFFICERS

OF THE

U. S. NAVY AND MARINE CORPS.

COMPILED FROM OFFICIAL SOURCES

BY

LEWIS RANDOLPH HAMERSLY,

LATE LIEUTENANT UNITED STATES MARINE CORPS.

FIFTH EDITION.

REVISED, WITH NUMEROUS ADDITIONS.

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TO

THE OFFICERS

OF THE

UNITED STATES NAVY AND MARINE CORPS,

IS RESPECTFULLY DEDICATED

THIS RECORD OF THEIR SERVICES.

OFFICIAL OPINIONS.

NAVY DEPARTMENT,
January 11, 1870.

DEAR SIR:

I have examined the proof-sheets of your work on the Records of the Living Officers of the Navy, and am of opinion that it will supply a want, and be a useful book to the service and to the country.

Very respectfully,
Your obedient servant,
GEORGE M. ROBESON,
Secretary of Navy.

LEWIS R. HAMERSLY, ESQ.,
Editor of the Records of Living Officers.

NAVY DEPARTMENT,
WASHINGTON, January 11, 1870.

This seems to be a concise statement of the services of the Living Officers of the Navy, as shown by the records of this Department.

D. D. PORTER,
Vice-Admiral.

NAVY DEPARTMENT,
WASHINGTON, May 16, 1878.

LEWIS R. HAMERSLY, ESQ.,

DEAR SIR:

I have to thank you for your Records of Living Officers of the United States Navy, which reached me this morning.

Having heretofore had the opportunity of looking over it, I am enabled to say that I regard it as a most valuable work. You have rendered an important service to the Navy, one which I think all officers will thank you for.

Very respectfully and truly,
R. W. THOMPSON,
Secretary of Navy.

PREFACE.

The services of army officers have been recorded by several authors, but those of the Navy and the Marine Corps have been wholly neglected,—the Official Registers merely giving the name, place of birth, date of last commission and present station. Much more is required, not alone in justice to these gallant patriots, but as part of our national history; as an incitement to others to pursue the career in which, while performing duty, they won renown. The present volume endeavors to supply this want. For the conductors of the public press, who may have occasion to write about these brave men, living or dead (for, though glory is immortal, those who obtain it must submit to the common destiny of their race), this work will be a treasury of facts, accurate in its full details. Henceforth, when an Officer of the Navy or Marine Corps passes to the better land, the recording journalist can draw upon these pages for the substantial facts of his public service, and not, as hitherto, make mere mention of his name.

ORGANIZATION OF NAVY DEPARTMENT.

JANUARY 1, 1894.

Secretary of the Navy.

HON. HILLARY A. HERBERT.

Assistant Secretary of the Navy.

HON. WILLIAM McADOO.

BENJAMIN MICOU . . . . . Chief Clerk.

Bureau of Yards and Docks.

Captain N. H. FARQUHAR . . . . . Chief of the Bureau.

Bureau of Equipment.

Commander F. E. CHADWICK. . . . . Chief of the Bureau.

Bureau of Navigation.

Commodore F. M. RAMSAY . . . . . Chief of the Bureau.

Bureau of Ordnance.

Captain W. T. SAMPSON . . . . . Chief of the Bureau.

Bureau of Construction and Repairs.

Chief Constructor PHILIP HICHBORN . . . . . Chief of the Bureau.

Bureau of Steam Engineering.

Engineer-in-Chief GEORGE W. MELVILLE . . . . . Chief of the Bureau.

Bureau of Supplies and Accounts.

Paymaster-General EDWIN STEWART . . . . . Chief of the Bureau.

Bureau of Medicine and Surgery.

Surgeon-General J. R. TRYON . . . . . Chief of the Bureau.

Office of Judge Advocate General.

Captain S. C. LEMLY . . . . . Judge Advocate General.

RECORDS OF LIVING OFFICERS

OF THE

UNITED STATES NAVY.

REAR-ADMIRALS ON THE ACTIVE LIST.

Bancroft Gherardi.—Born in Louisiana, November 10, 1832. Appointed from Massachusetts, June 29, 1846; attached to frigate "Ohio," Pacific Squadron, 1846–50; steam-sloop "Saranac," Home Squadron, 1850–1; Naval Academy, 1852. Promoted to *Passed Midshipman*, June 8, 1852; sloop "St. Louis," Mediterranean Squadron, 1853–5. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 16, 1855; sloop "Saratoga," Home Squadron, 1856–8; rendezvous, Boston, 1859; steam-sloop "Lancaster," Pacific Squadron, 1861–2. Commissioned as *Lieutenant-Commander*, July 16, 1862; South Atlantic Blockading Squadron, 1862; engagement with Fort Macon, 1862; steam-sloop "Mohican," special service, 1863; commanding steam-gunboat "Chocura," Western Gulf Blockading Squadron, 1863–4; commanding steamer "Port Royal," Western Gulf Bockading Squadron, 1864; battle of Mobile Bay, August 5, 1864; commanding steamer "Pequot," North Atlantic Blockading Squadron, 1864–5. Commissioned as *Commander*, July 25, 1866; rendezvous, Philadelphia, 1866–7; navigation duty, Navy Yard, Philadelphia, 1868–70; commanding "Jamestown" (third-rate), Pacific Fleet, 1871; commanding receiving-ship "Independence," 1872–3. Commissioned as *Captain*, November 9, 1874; commanding "Pensacola," flag-ship North Pacific Station, 1875–6; commanding receiving-ship "Colorado," 1877–80; commanding U. S. S. "Lancaster," flag-ship European Station, 1881–3; leave in Europe, 1884. Promoted to *Commodore*, November, 1884; Member of Examining Board, 1884–5; Governor Naval Asylum, 1885–6. Promoted to *Rear-Admiral*, August, 1887; commanding Navy Yard, New York, 1887–9; commanding North Atlantic Station, 1889 to June, 1893; commanding New York Navy Yard, June 1, 1893, to date.

George Eugene Belknap.—Born in Newport, New Hampshire, January 22, 1832; appointed *Midshipman* from same State, October 7, 1847. After a few weeks' instruction at the Naval Academy was ordered, December, 1847, to the brig "Porpoise," on cruise to West Coast of Africa; arrived back at Norfolk, April, 1850. Frigate "Raritan," fifty guns, Pacific Squadron, 1850–53; was with the force landed from this ship at Valparaiso, Chili, 1851, for protection of American citizens during a revolution there. Naval Academy, 1853–54, was graduated as *Passed Midshipman*, June, 1854, and ordered to U. S. Coast Survey Steamer "Corwin." *Acting Master* sloop "Falmouth," 1854–55; sloop "Saratoga," 1855. Promoted to *Master*, September 15, 1855. Commissioned *Lieutenant*, September 16, 1855, and ordered to receiving-ship "Ohio," Boston; sloop "Portsmouth," Asiatic Station, 1856–58. On patrol duty several weeks at Canton, guarding American Consulate and hongs from threatened attack of Chinese, October and November, 1856. Commanded a launch with 12-pounder howitzer and thirty-five men at capture and razing to the ground of the Barrier Forts, Canton River, 1856. The four forts mounted in the aggregate 176 guns. One gun was a brass piece of

8-inch calibre and twenty-three feet in length. Had three men killed and eight wounded of his party during these operations. Visited Japan, September, 1857, the "Portsmouth" being the second ship to call at Japanese ports after Perry's treaty. The "Portsmouth" carried to Minister Townsend Harris the first mail he had received in fourteen months. The "Ohio" 1858; "St. Louis," Home Squadron, 1859–61; commanded "St. Louis" boats at both reinforcements of Fort Pickens, April, 1861; piloted Gen. Harvey Brown and Capt. M. C. Meigs, U. S. Engineers, into the fort; executive-officer gun-boat "Huron" S. A. B. Squadron, 1861–62; expedition against Fernandina, St. John's, St. Mary's, St. Augustine, etc., March, 1862; captured English steamer "Cumbria" loaded with arms, clothing and medicines, off Charleston, May, 1862. Said the captain, when boarded: "This is a bonus of £2000 out of my pocket." Took the prize to Philadelphia for adjudication; commissioned *Lieutenant-Commander*, July 16, 1862. Executive-officer iron-clad frigate "New Ironsides," eighteen guns, fourteen 11-inch Dahlgren, and two Parrott 200-pounders on gun deck, and two 50-pounders Dahlgren rifles on spar deck. The guns of main battery had crews of thirty-five men—ten of them for the handling of the heavy port shutters. The shutters were seldom closed after the enemy had been quieted by two or three broadsides. Special duty at Newport News, November and December, 1862; then proceeded to Port Royal. At that port stripped the ship of masts and yards and then took station off Charleston. Many (twenty-seven) engagements with defences of that city, comprising the attack of the 7th of April, 1863, and subsequent bombardments of Forts Wagner, Sumter and Moultrie, and batteries Bee, Beauregard and Johnston. Total number of shells fired from broadside of eight guns during siege was 4,439, with aggregate weight of 288½ tons. Most rapid fire in action was at rate of 1′.74 per shot. On one occasion 490 shells were delivered in continuous round, at rate of 2′.86 per fire. Smoke often retarded the pointing and firing At fight of 7th of April the spar deck was covered with bags of sand overlaid with rawhides, and the sloping sides of the 4-inch armor were plastered with grease an inch thick for better resistance of enemy's shot. After that day the sand-bags alone were retained for protection against plunging fire. The value of such protection was fully demonstrated. The 10-inch solid shot from forts would scoop off the bags struck, but leave the deck-plank practically uninjured. The 1-inch iron plate underneath, however, would be invariably shattered. A rebel torpedo boat of "David" pattern succeeded in exploding a heavy torpedo under starboard bilge amidships on evening of October 5, 1863. Happily the ship received no serious damage, but Acting Master Howard was mortally shot as he stood in the gangway hailing the "David." For service in "Ironsides" received commendation from her respective commanders, Commodores Turner and Rowan and from Admiral Du Pont; ordered to command gun-boat "Seneca," September, 1863; transferred to command of monitor "Canonicus" off City Point, James River, November, 1864; engaged Howlett's House Battery, December 5 and 6, 1864; subsequently proceeded to Beaufort, N. C., as one of Porter's fleet. In both fights at Fort Fisher, December, 1864, and January, 1865, engaged the enemy at closest quarters; ship aground at times; received many hits; men knocked down inside of turret by impact of shot; one officer wounded by grape-shot from fort during assault; flag shot away twice; boats and smoke-stack riddled; guys and davits shot away, and much other damage received; directed movements and fire of the vessel from outside pilot-house and turret; commended by Commodore Radford and Admiral Porter. After capture of Fort Fisher was ordered to proceed with "Canonicus" to Charles-

ton. On advanced picket duty the night the enemy evacuated city and fired the last shot at its defences; also received the last shot from the enemy directed to the fleet, an 8-inch rifle shell from Moultrie, February 4, 1863; accompanied Admiral Dahlgren to the city on the afternoon after the evacuation. That evening, by a ruse, in concert with the late Commodore Barrett, assisted in the capture of the English steamer "Deer," attempting to enter the port; commanded the "Canonicus" in Admiral Godon's special squadron to Havana in quest of the rebel iron-clad "Stonewall;" found her surrendered to the Spanish authorities; put "Canonicus" out of commission at Philadelphia, June, 1865; ordered to Naval Academy, July, 1865; detached at own request, August, 1865; executive-officer "Shenandoah," sailing for Asiatic Station via Cape of Good Hope and Indian ports, December, 1865. Promoted to *Commander* for war service on way out, and assigned to command of flag-ship "Hartford" on arrival at Hong Kong, February, 1867; commanded squadron expedition against Indians, Southern Coast of Formosa, June, 1867; many stricken with sun-stroke; lost one officer, shot by enemy; participated in ceremonies incident to the opening of the ports of Osaka and Kobe, inland Sea of Japan, January, 1868; put "Hartford" out of commission at New York, August, 1868; ordered to Naval Academy, September, 1868; detached at own request, October, 1868; rendezvous duty, New York, winter of 1868–69; navigation officer, Navy Yard, Boston, 1869–72; ordered to command the "Tuscarora," May, 1872; sailed for the Pacific via Straits of Magellan the following month; ordered January 1, 1873, to take Commander Selfridge on board at Panama and co-operate in the survey for an inter-oceanic canal across the Isthmus of Darien; landed seamen and marines at Panama, April, 1873, to protect the transit across the Isthmus during a revolution there; assigned May, 1873, to special duty in the "Tuscarora," having been selected by the Department to make deep-sea soundings between the western coasts of the United States and the shores of Japan, to determine the practicability of laying a submarine cable on the bed of the North Pacific; fitted the ship for the work at Mare Island and began operations off San Francisco the following September; was supplied with apparatus for sounding with both rope and wire, but soon discarded the use of the former altogether, and used the Sir William Thomson machine for sounding with piano-forte wire, of gauge No. 22. The machine was new and comparatively untried; improved upon the details of its construction and prosecuted the work with great success, working an entire revolution in the methods of deep-sea sounding, getting more accurate results than had hitherto been obtained with a corresponding economy of time and labor. The "Challenger" had been supplied with the Thomson machine, but would not attempt its use. The Superintendent of the Coast Survey also discouraged its adoption, but Admiral Ammen, then Chief of Bureau of Navigation, Navy Department, determined it should be tried on board the "Tuscarora; the result amply sustained his prescient decision; ascertained the "True Continental Outline" from Cape Flattery to San Diego; ran lines of soundings from San Diego to Yokohama via the Hawaiian and Bouin Islands; returning sounded from Cape Flattery via the Kurile Islands and the Alentian group; found off the east coast of Japan the deepest and most extended trough yet discovered in the bed of the great oceans. The deepest cast was in 4,655 fathoms, or more than 5¼ statute miles; invented three different cylinders, or cups, for bringing up specimens of the bottom, which are now in use in the Navy. The cup No. 2, slightly altered, has been adopted by the Coast Survey, under the name of the

"Sigsbee Cup." The progress and results of the "Tuscarora's" survey excited great interest both in this country and in Europe. In an address before the Mathematical and Physical Section of the British Association at Glasgow, September, 1876, Sir William Thomson spoke of the work in terms of high compliment. Sir Wyville Thomson, of the "Challenger" expedition, also commended the methods and achievements of the "Tuscarora's" survey in his address before the Asiatic Society of Japan, at Yokohama, in February, 1875, acknowledging the great advance that had been made in deep-sea work by the use of the Sir William Thomson machine. Senior officer present at Honolulu when riot occurred on the election of David Kalakaua as King of the Hawaiian Islands, February 12, 1874; landed companies of blue-jackets and marines from "Tuscarora" and "Portsmouth," restored order and occupied the town six days at request of the King, when the new government, being firmly established, withdrew the force to the ships; received therefor the thanks of the king, the legislative assembly, the chamber of commerce, and the consular corps; detached from "Tuscarora," October, 1874. Ordered as Hydrographic Inspector U. S. Coast Survey, December, 1874; asked for other orders, and received orders to command receiving-ship "Ohio," Boston, January, 1875; commissioned *Captain*, January 25, 1875; obliged to go South two months later on account of ill health, due to exposure while doing deep-sea work; went to Pensacola Station as Captain of the Yard. Board of Visitors, Naval Academy, June, 1875; Board of Examiners at same place, October, 1875; detached from Pensacola Yard, May, 1876, and put on special duty with reference to deep-sea sounding; December 1, 1876, ordered back to Pensacola Yard, as Commandant; remained in command there until January 15, 1881.

March 11, 1881, assumed command of the "Alaska," at Panama. Senior officer present for greater part of the time on Pacific Coast of Peru and Chile; made a number of deep soundings off the coast of Peru, the deepest in 3,367 fathoms, 100 miles west of Callao Bay. Special duty at Honolulu with "Alaska" from August to latter part of November, 1882. November 21, of that year, received from King Kalakaua a commision and decoration as Knight Commander of the Royal Order of Kamehameha, which are now in the custody of the Department of State at Washington. Put "Alaska" out of commission at Mare Island Navy Yard, February, 1883; ordered to Norfolk Yard as Captain of the Yard, June, 1883.

President Naval Torpedo Board, 1883–84; Senior Member "Dolphin" Examining Board, 1885; commissioned as *Commodore*, June 2, 1885, and ordered to Washington as Superintendent Naval Observatory. Detached from Observatory a year later and ordered, June 15, 1886, to assume command of the Navy Yard at Mare Island, California; commissioned as *Rear-Admiral*, February 12, 1889, and March 9th detached from command of yard and ordered to proceed to Yokohama, Japan, and assume command of the naval force on the Asiatic Station; assumed such command April 4, 1889, and retained it until February 20, 1892, when was detached and ordered home. Was ordered as President of Board of Inspection and Survey, April 17, 1892; was ordered to Chicago, October, 1892, to represent the Naval Service at the Dedicatory Ceremonies of the grounds and buildings of the Exposition. April, 1893, was ordered, in conjunction with Major-General Schofield, U. S. A., as special escort to Vice-Admiral, the Duke de Veragua, at the Naval Review, New York harbor; supervised the speed trials of the new cruisers, the "Detroit," "Machias," "New York," "Columbia" and "Marblehead;" also the final examination and trial of the "Detroit" and "New

York;" retired from active service under the age limit prescribed by statutes, January 22, 1894. Total sea service, twenty-four years, four months; shore duty eighteen years, three months; unemployed, three years, nine months.

A. E. K. Benham.—Born in New York, 1832. Appointed from New York, November 24, 1847; attached to sloop "Plymouth," East India Squadron, 1847–8; brig "Dolphin," East India Squadron, 1849–50, and assisted in capture of a piratical Chinese junk near Macoo, China, by a party under command of Acting Lieutenant (late Rear-Admiral) John L, Davis, and in boarding received a slight pike wound in the right thigh; sloop "Plymouth," 1850–1; steam-frigate "Saranac," Home Squadron, 1851–2; Naval Academy, 1852–3. Promoted to *Passed Midshipman*, June 10, 1853; sloop "St. Mary's," Pacific Squadron, 1853–7. Commissioned as *Lieutenant*, September 16, 1855; Coast Survey, 1857–8; steamer "Westernport," Brazil Squadron and Paraguay Expedition, 1858–9; steamer "Crusader," Home Squadron, 1860–1; steamer "Bienville," South Atlantic Blockading Squadron, 1861–2; battle of Port Royal, 1861; steamship "Sacramento," 1863. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam gunboat "Penobscot," Western Gulf Blockading Squadron, 1863–5, and during this time blockaded the coast of Texas for a period of thirteen months without going into port; temporary duty, Navy Yard, New York, 1866; steamer "Susquehanna,' special service, 1867. Commissioned as *Commander*, June 9, 1867; Navy Yard, New York, 1868–9; Light-House Inspector, 1870–1; commanding "Canonicus," (iron-clad), North Atlantic Station, 1871–2; commanding "Saugus,' (iron-clad), North Atlantic Station, 1872–3; Light-House Inspector, 1874–8. Commissioned as *Captain*, March 12, 1875; commanding "Richmond," Asiatic Station, 1878–81; Navy Yard, Portsmouth, New Hampshire, 1882–4; Light-House Inspector, 1885–6. Promoted to *Commodore*, October, 1885; President of Board, League Island, 1888; commanding Navy Yard, Mare Island, 1889–91. Promoted to *Rear-Admiral*, February, 1890; waiting orders, June, 1891, to June, 1892; commanding North Atlantic Station, June, 1892, to date.

John Irwin.—Born in Pennsylvania, April 15, 1832. Appointed from Pennsylvania, September 9, 1847; attached to frigate "Cumberland," Home Squadron, 1847–8; frigate "St. Lawrence," Mediterranean Squadron, 1849–50; sloop "John Adams," coast of Africa, 1851–3. Promoted to *Passed Midshipman*, June 10, 1853; steamer "Fulton," Home Squadron, 1854–6. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 16, 1855; Coast Survey, 1857–8; sloop "Savannah," Home Squadron, 1859–60; steam-frigate "Wabash," flag-ship, South Atlantic Blockading Squadron, 1861–3; capture of forts at Hatteras Inlet; capture of Forts Walker and Beauregard; in charge of boat howitzers ashore at battle of Port Royal Ferry. January 1, 1862; bombardment and capture of Fort Pulaski. Commissioned as *Lieutenant-Commander*, July 16, 1862; ordnance duty, Philadelphia, 1864; Western Gulf Blockading Squadron, 1864–5; special duty, Philadelphia, 1866–7. Commissioned as *Commander*, July 25, 1866; commanding steamer "Newbern," North Atlantic Squadron, 1868; commanding steamer "Gettysburg," North Atlantic Squadron, 1868–70; commanding "Yantic" (fourth-rate), N. A. Fleet, 1871; League Island Station, 1872; commanding R. S "Sabine," 1873–5. Commissioned as *Captain*, May 15, 1875; commanding "Pensacola," flag-ship, Pacific Station, 1875–9; Navy Yard, Mare Island, 1879–83; special duty, 1884; President of Board of Inspection, California, 1884–8. Promoted to *Commodore*, March, 1886. Waiting orders, December 13, 1889, to July 12, 1890; Member Board of Inspec-

tion, July 12, 1890, to June, 1891. Commissioned *Rear-Admiral*, May 19, 1891; commandant Navy Yard, Mare Island, June 9, 1891, to June 7, 1893; commanding Asiatic Station, June 7, 1893, to date.

James Augustin Greer.—Born in Ohio, February 28, 1833. Appointed from Ohio, January 10, 1848; sloop "Saratoga," Home Squadron, 1848-9; steamer "Saranac," Home Squadron, 1850; sloop "St. Mary's," Pacific Squadron, 1850–2; frigate "Columbia," Home Squadron, 1853; Naval Academy, 1853–4. Promoted to *Passed Midshipman*, June 15, 1854; razee "Independence," Pacific Squadron, 1854–7. Promoted to *Master*, September 15, 1855. Commissioned as *Lieutenant*, September 16, 1855; Navy Yard, Norfolk, 1858; steamer "Southern Star," Paraguay Expedition, 1858–9; steamer "Sumter," coast of Africa, 1859–61; steamer "San Jacinto," coast of Africa, 1861; assisted in the removal of Mason and Slidell from the English steamer "Trent." Commissioned as *Lieutenant-Commander*, July 16, 1862; sloop "St. Louis," special service, 1862–3; Mississippi Squadron, 1863–5; commanded iron-clads "Carondelet" and "Benton," and a division of Admiral Porter's Squadron; passage of Vicksburg, April 16, 1863; fought the batteries of Grand Gulf for five hours, April 29, 1863. An incident of this action was the killing and wounding of twenty-two persons on board the "Benton" by one projectile; Red River Expedition, May, 1863; was engaged in the combined attack on Vicksburg, May 22, 1863; was almost constantly under fire during the forty-five days of the siege of Vicksburg; Red River Expedition, March and April, 1864; frequently engaged with small bodies of Confederate troops and guerillas; August and September, 1864, employed in correcting abuses which existed at Naval Recruiting Station, Cincinnati, Ohio; had command of Naval Station, Mound City, Ill., October and November, 1864; commanded flagship "Black Hawk" until February, 1865; was employed under direction of Admiral Lee in selecting, purchasing and contracting for the conversion into gun-boats of ten river steamers; had charge of convoying army transports from Johnsonville up the Tennessee River, February, 1865; Naval Academy, 1865–6. Commissioned as *Commander*, July 25, 1866; commanding steamer "Mohongo," North Pacific Squadron, 1866–7; remained four months at Acapulco, Mexico, to protect American interests which were endangered on account of the downfall of the Mexican Imperial Government; was commended by State Department for course pursued; commanding steamer "Tuscarora," North Pacific Squadron, 1868; ordnance duty, Philadelphia Navy Yard, 1868–9; Naval Academy, March, 1869, until July, 1873; in 1873 commanded purchased steamer "Tigress" on the "Polaris" Relief Expedition; August 11, one month and four hours after sailing from New York, found the wreck of the "Polaris" at Littleton Island, North Greenland, lat. 78° 23′ N. Ascertained that the crew had departed for the South in boats; in the hope of meeting the Scotch whalers, cruised without success, in Baffin's Bay and Davis Strait until October 8, when, the season being so far advanced, it was deemed expedient to return to the United States; Board of Inspection, 1874–5; commanding steamer "Lackawanna," Pacific Station, 1875–7. Commissioned as *Captain*, April 26, 1876; commanding training frigate "Constitution," 1877; commanding sloop "Constellation, 1878; employed in taking exhibits to Havre, France, for Paris Exposition; commanding steamer "Hartford," South Atlantic Station, 1879; Board of Inspection, 1880–2; Navy Yard, Washington, 1882–4; President of Naval Examining and Retiring Boards, 1885–7. Commissioned as *Commodore*, May 19, 1886. Appointed *Acting Rear-Admiral*,

August 24, 1887; commanding European Station, 1887–9; President of Board on Organization, Tactics, and Drills, 1889; on duty as President of the Examining and Retiring Boards, 1890; member of Board of Visitors, Naval Academy; Chairman of Light-House Board in 1891. Commissioned as *Rear-Admiral*, April 3, 1892; President of Naval Examining and Retiring Boards, 1892; at present on duty as Chairman of Light-House Board.

George Brown.—Born in Indiana, June 19, 1835. Appointed from Indiana, February 5, 1849; attached to frigate "Cumberland," Mediterranean Squadron, 1849–51; frigate "St. Lawrence," Pacific Squadron, 1851–4. Promoted to *Passed Midshipman*, 1856. Promoted to *Master*, 1856. Commissioned as *Lieutenant*, June 2, 1856; sloop "Falmouth," Brazil Squadron, 1856–9; store-ship "Supply" and sloop "Portsmouth," coast of Africa, 1859–60; sloop "Pawnee," 1860; steam-sloop "Powhatan," special service, 1860–1; gun-boat "Octarora," "Mortar Flotilla," and "Wilmington," North Carolina Blockade, 1861–2; engagement at Vicksburg, June 28, 1862. Commissioned as *Lieutenant Commander*, July 16, 1862; commanding iron-clad "Indianola," Mississippi Squadron, 1862–3; at the passage of Vicksburg and Warrington, February 14, 1863; action between "Indianola" and rebel rams "Wm. H. Webb" and "Queen of the West," and cotton-clad steamers "Dr. Batey" and "Grand Era," at Upper Palmyra Island, Mississippi River, February 24, 1863. The engagement lasted one hour and twenty-seven minutes, and resulted in the surrender of the "Indianola" after she had sunk below her gun deck, to a force of four vessels manned by over one thousand men. The loss of the "Indianola" was one killed and one wounded (Lieutenant-Commander Brown) severely, and seven missing, while the enemy lost two officers killed and many wounded. Lieutenant-Commander Brown and his officers and crew were taken prisoners, but were exchanged at Richmond a few months later in the war; commanding steam-gunboat "Itasca," Western Gulf Blockading Squadron, 1864; battle of Mobile Bay, August 5, 1864; gun-boat "Arizona," 1864–5,—lost by fire, February, 1865; iron-clad "Cincinnati," 1865; gun-boat "Pocahontas," 1865; gun-boat "Hornet," 1865; naval operations in Mobile Bay, against Spanish Fort and defences of city of Mobile from March 23 to April 14, 1865. Commissioned as *Commander*, July 25, 1866; Navy Yard, Washington, 1866–7; as agent of Japanese government in command of Japanese iron-clad "Stonewall," 1867–9; commanding "Michigan" (fourth-rate), 1870–2; ordnance duty, Boston, 1873–6; Light-House Inspector, 1876–8. Commissioned as *Captain*, 1877. Commanding U. S. S. 'Alaska," Pacific Station, 1878–81; Light-House Inspector, 1881–4; Navy Yard, Norfolk, 1886–9. Promoted to *Commodore*, September, 1887; commanding Pacific Station, 1890, to December, 1893. Granted leave of absence in January, 1893, which he kept until commissioned *Rear-Admiral* and ordered to Command Navy Yard at Norfolk.

REAR-ADMIRALS ON THE RETIRED LIST.

Retired after forty-five years' service, or on attaining the age of sixty-two years, in conformity with section 1 of the act of December, 1861, and its amendments, dated June 25, 1864, and act of March 3, 1873, and act of August 15, 1876.

Thomas O. Selfridge.—Born in Massachusetts. Appointed from Massachusetts, January 1, 1818. Commissioned as *Lieutenant*, March 3, 1827; Exploring Expedition, 1829; sloop "Natchez," West India Squadron, 1830; frigate "Delaware," Mediterranean Squadron, 1834; frigate

"North Carolina," 1837; rendezvous, Boston, 1840. Commissioned as *Commander*, April 11, 1844; Navy Yard, Portsmouth, New Hampshire, 1845; frigate "Columbus," East India Squadron, 1846; commanding sloop "Dale," Pacific Squadron, 1848; commanding rendezvous, Boston, 1851–2; Boston Navy Yard, 1853–5. Commissioned as *Captain*, September 14, 1855; commanding steamer "Mississippi," 1861; Commandant Mare Island Navy Yard, California, 1862–4. Commissioned as *Commodore*, July 16, 1862; Commandant Navy Yard, Philadelphia, 1867–8; President Examining Board, 1869. Commissioned as *Rear-Admiral*, July, 1870.

Samuel Phillips Lee.—Born in Fairfax County, Virginia, February 13, 1812. Appointed *Midshipman* from that State November 22, 1825; ordered to sloop-of-war "Hornet," West India Station, February 7, 1827; ordered to line-of-battle-ship "Delaware," and transferred in the Mediterranean as Captain's Aid to frigate "Java," August 24, 1827; ordered to Norfolk School, Virginia, October 16, 1830. Promoted to *Passed Midshipman*, June 4, 1831, and ordered to Navy Yard, Boston, July 28, 1831. Ordered to frigate "Brandywine," Pacific Squadron, as Second Master, and transferred to the "Vincennes" as Acting Lieutenant and additional navigator, April 17, 1834. Promoted to *Lieutenant*, February 9, 1837; ordered to Exploring Expedition, July 19, 1837; ordered to West India Squadron, December 13, 1839; ordered to receiving-ship at Alexandria, Virginia, December 8, 1841; ordered to Coast Survey, April 10, 1842; ordered to command Coast Survey schooner "Vanderbilt," August 4, 1844; ordered to Navy Yard, Pensacola, Florida, November 11, 1844; ordered to command Coast Survey schooner "Nautilus," March 9, 1846; ordered to command Coast Survey brig "Washington," December 29, 1846, on his own application to participate in the Mexican war; was present at the capture of Tobasco, and subsequently transferred to the command of the Coast Survey steamer "Legare." He always considered coast-survey duty as one of the best schools of naval practice, and advocated its return to the administration of the Navy Department. Ordered to command brig "Dolphin" on special service, to make deep-sea soundings, try currents, search for vigias, etc. (report published by Congress, 1854), July 3, 1851. Detached and ordered to duty on wind- and current-charts, July 7, 1852. Promoted to *Commander*, September 14, 1855. Ordered as a member of Examining Board, March 12, 1858; ordered to command sloop-of-war "Vandalia," with orders to the East Indies, November 1, 1860. When he learned, at the Cape of Good Hope, of the rebellion, assuming the risk of acting against orders, he brought his ship back, and was assigned to the blockade off Charleston, South Carolina, where he succeeded in maintaining it with the "Vandalia," a sailing vessel, when her steam consort was blown off. Before the return of the consort, a British steam-gunboat ventured in to inspect the blockade, and finding it, under such conditions of weather, actual and close, foreign scrutiny was terminated. Ordered to command the sloop-of-war "Oneida," January 20, 1862, and to report to Admiral Farragut. In the expedition against New Orleans he commanded the advance division below the forts, Jackson and St. Phillip. In the gun-boat actions, when the gun-boats took part in the bombardment, to draw the fire from the bomb-vessels, the "Oneida" was at one time engaged alone with both forts. In the action of the passage of the forts, the "Oneida" was one of the three vessels first to encounter the enemy's fleet, and she relieved the "Varuna" by driving off the two rams which had rammed her, forcing their burning and capturing the commander of the "Governor Moore." The "Oneida" participated in the capture of the Chal-

mette batteries below New Orleans; became advance guard above the city. For a time Lee commanded the advance division below Vicksburg, and participated in both passages of the Vicksburg batteries, the "Oneida" being second in line on each occasion. Promoted to *Captain*, July 16, 1862. Appointed *Acting Rear-Admiral*, September 2, 1862, and ordered to the command of the North Atlantic Blockading Squadron. Was engaged in blockading the coasts of Virginia and North Carolina, and zealously co-operating with armies in defence of Norfolk, Newbern and Washington, fighting with their iron-clads and heavy fortifications in Trent's Reach, and their field-batteries along Grant's line of communication on the James River, always securely held while Admiral Lee was in command. For two years he fulfilled the arduous duties of this command, perfecting and maintaining a vast blockade.

The dangerous navigation of the North Carolina coast, owing to the long shoals of Cape Fear, between the two ports into Wilmington; the nearness of the British ports of Bermuda and Nassau, from which steamers of excellent form and great speed, of low build and gray color, ran at night; the immense profits tempting the risks, made the blockade an undertaking of the greatest difficulty, and yet the Confederacy was, in effect, isolated, by several girdles of cruisers (a system originated by Rear-Admiral Lee), from foreign recruits, supplies and munitions of war. Of the total number of blockade-running steamers captured or destroyed by this squadron, sixty-five in all, fifty-four were captured or destroyed by the fleet under Admiral Lee's command. Besides blockading, the main duty of the squadron, it, independently or in co-operation with the army, was engaged in ninety-one actions and expeditions during this period. The efficiency and importance of this service, together with the small loss from shipwreck on so dangerous a coast, have excited the approving comment of foreign military observers. Detached and ordered to command of Mississippi Squadron, October 21, 1864. The efficiency of this squadron was maintained, notwithstanding the withdrawal of a large number of experienced officers. Lee's movement up the Cumberland to support General Thomas was in co-operation with the army against the apprehended crossing of the river by Hood and his marching to the Ohio. The flag-ship was stopped at Clarksville by the low stage of water, which was still falling on Harpeth Shoals; the river rising barely enough in time to allow Fitch to move the gunboats at Nashville and participate in the defeat of Hood, but not enough to make Harpeth Shoals passable until three days later. Army communications were kept open and operations supported with vigor and effect, and the lower Mississippi was vigilantly guarded against the intervention of the trans-Mississippi Confederate forces. The operation of the squadron on the Tennessee River prevented Hood on his retreat from crossing where the Tennessee was navigable, forcing him to cross six miles above the head of navigation on Muscle Shoals, the rocky barrier that effectually closes navigation for thirty miles above the close piers of Florence Bridge, where he had previously crossed. Detached from the Mississippi Squadron, August 14, 1865, which, after much arduous labor, had been disbanded, vessels laid up or sent to other squadrons, officers and men discharged or transferred. Promoted to *Commodore*, July 25, 1866; ordered as President of Examining Board, August 7, 1866; ordered as member of Examining Board to meet at Philadelphia, March 6, 1868; ordered as President of Examining Board, April 17, 1868; ordered as President of Court-Martial at New York, May 29, 1868; ordered as President of Board of Examiners, February 13, 1869; ordered as member of a Board to examine the Atlantic

Navy Yards and was the author of the report to improve them, March 10, 1869; ordered in charge of Signal Service, Washington, D. C., October 13, 1869. Promoted *Rear-Admiral*, April 22, 1870; ordered to special duty at Navy Department, June 27, 1870; ordered to command North Atlantic Squadron, August 9, 1870; detached, August 15, 1872. Retired, February 13, 1873.

Joseph F. Green.—Born in Maine, November 24, 1811. Appointed *Midshipman*, from same State, November, 1827; attached to the sloop-of-war "Vandalia," Brazil Squadron, 1830; Naval School, Norfolk, 1833. Promoted to *Passed Midshipman*, June 10, 1833; frigate "Potomac," Mediterranean Squadron, 1835–7. Commissioned as *Lieutenant*, February 28, 1838; sloop "Erie," West India Squadron, 1840; frigate "Columbus," Brazil Squadron, 1843–5; rendezvous, Boston, 1846; ship-of-the-line 'Ohio," Pacific Squadron, during all of the Mexican War. Lieutenant Green took part in all of the important actions on the Pacific Coast. He remained on the "Ohio" until 1850; Navy Yard, Boston, 1851–2; ordnance duty, 1853–4; Naval Academy, 1855–8. Commissioned as *Commander*, September 14, 1855; waiting orders, 1859–60; ordnance duty, 1861. Commissioned as *Captain*, July 16, 1862; commanding steam-sloop "Canandaigua," South Atlantic Blockading Squadron, 1862–4; participated in the bombardment of Fort Wagner; ordnance duty, Boston Navy Yard, 1866–8. Commissioned as *Commodore*, July 24, 1867; special duty, 1869; commanding Southern Squadron with Atlantic Fleet, 1870–1. Commissioned as *Rear-Admiral*, July 13, 1870. Retired, 1871.

John J. Almy.—Born in Rhode Island in the year 1815. Appointed from that State as *Midshipman*, February 2, 1829; attached to the U. S. S. "Concord," Mediterranean, 1830–2; U. S. S. "Ontario," coast of Brazil, 1833–4; examined and promoted to *Passed Midshipman*, July 3, 1835; receiving-ship at New York, 1836–7; U. S. S. "Cyane," Mediterranean, 1838–41, as Acting Master and Navigator. Commissioned as *Lieutenant*, March 8, 1841; U. S. brig "Bainbridge," West Indies, 1842; frigate "Macedonian," coast of Africa, 1843–5; line-of-battle ship "Ohio," Gulf of Mexico and Pacific Ocean, during the Mexican War and after the war, 1846–50; participated in the siege and capture of Vera Cruz and the capture of Tuspan; latter part of the war—1848—on the Pacific coast, and commanded one of the forts at Mazatlan during the naval occupation of that place; Coast Survey in 1851–6, on the survey of Chesapeake Bay and the sea-coast of Virginia and North Carolina; commanding U. S. S. "Fulton," on the coast of Central America, in 1857, when General Walker and his filibustering party surrendered to Rear-Admiral Paulding, on board of that vessel at Nicaragua. In the operations of the U. S. Squadron against the filibusters, the Commander-in-Chief, Rear-Admiral Paulding, in his report to the Department, said: "Lieutenant-Commander Almy performed his part of the work exceedingly well, and is an officer who can be relied upon at all times." Commanded the "Fulton" in the Expedition to Paraguay in 1858–9; at Navy Yard, New York, 1860–1. Commissioned as *Commander*, April 24, 1861; commanded U. S. S. "South Carolina," South Atlantic Squadron under Admiral Du Pont, 1862–3; U. S. S 'Connecticut,' North Atlantic Squadron, under Admiral Lee, 1864; U. S. S. "Juniata," South Atlantic Squadron, under Admiral Dahlgren, 1865. While in command of the "Connecticut," captured and sent in four noted blockade-running steamers with valuable cargoes; ran ashore and destroyed four others. Commissioned as *Captain*, March 3, 1865; commanded U. S. S. "Juniata" in a cruise to the

South Atlantic (coast of Brazil and south coast of Africa), 1865–7. While on the coast of Brazil, rescued the Brazilian brig "Americo" and crew from shipwreck, attended with great danger, for which service received the thanks of his Imperial Majesty the Emperor of Brazil. Ordnance duty at the Navy Yard, New York, 1868–9. Commissioned as *Commodore*, December 30, 1869; Chief Signal-Officer of the Navy at Washington, 1870–2. Commissioned as *Rear-Admiral*, August 24, 1873, and on the following month ordered to, and took command of, the U. S. Naval forces in the Pacific Ocean. While at Panama in October, 1873, a serious and violent revolution broke out, characteristic of that country, which continued for three weeks. The city of Panama and the Panama Railroad were in imminent danger of being destroyed. A force of seamen and marines numbering two hundred, under competent officers, was landed from the ships and kept on shore until the revolution terminated, affording efficient protection to the railroad, to American and to European interests. Two U. S. vessels, the flag-ship "Pensacola" and the "Benicia," were the only men-of-war in port. Passengers, freight and specie continually passed over the road in safety and without interruption. For these services Rear-Admiral Almy received the thanks of the Panama Railroad Company, the Pacific Mail Steamship Company, and all of the consuls and the foreign merchants at Panama. In 1875, while in command of the U. S. Pacific Squadron, His Majesty, King Kalakaua, of the Hawaiian Islands, presented Rear-Admiral Almy with the insignia of the Order of Kamehameha I., in appreciation of courtesies and attentions bestowed upon His Majesty connected with his visit to the United States, the King and his suite having been conveyed to and from the islands in United States ships under the orders of, and arrangements made by, the Rear-Admiral. Was in command of the U. S. naval forces in the Pacific for two years and ten months, returning to the United States in July, 1876. Has performed altogether twenty-seven years and ten months' sea-service, the largest amount, up to this time, credited to any officer of the navy; shore or other duty, fourteen years and eight months. In April, 1877, was retired, having reached the age prescribed by law for retirement.

R. N. Stembel.—Born in Maryland. Appointed *Midshipman* from Ohio, March 27, 1832; served in schooner "Porpoise" and sloop "Vandalia," of West India Squadron, 1832–7; Naval School, New York, 1837–8; Depot Charts and Instruments, Washington, 1838–9. Promoted to *Passed Midshipman*, 1838; served in frigate "Brandywine," Mediterranean Squadron, 1839–42. Commissioned *Lieutenant*, 1843; on Coast Survey, 1843–47; sloop "Germantown," Home Squadron, 1849–50; sloop "Jamestown," Brazil Squadron, 1851–4; special duty, Washington, 1855–7; steam-frigate "Mississippi," China and East India Squadron, 1857–60; Naval Asylum, Philadelphia, 1860–1; special duty at Cincinnati, Ohio, in connection with Western Gunboat Flotilla, 1861. Commissioned *Commander*, 1861; served in Western Gunboat Flotilla, 1861–2; was in the engagements of Lucas' Bend, September 9, 1861; Belmont, November 7, 1861; Fort Henry, February 6, 1862; bombardment and capture of Island No. 10, from March 16 to April 7, 1862; with rebel rams at Craighead's Bend, near Fort Pillow, May 10, 1862; besides several minor affairs on the Mississippi River, from June, 1861, to June, 1862; was seriously wounded in the above-mentioned engagement with rebel rams, May 10, 1862; in this affair he was officially reported by the Commander and Chief of the "Western Gunboat Flotilla," Charles Henry Davis, Flag Officer U. S. N., as having distinguished himself; invalided in consequence of wound, 1863; rendezvous, Philadelphia, 1864;

special duty, Pittsburg, 1864–5. Commissioned *Captain*, 1866; commanding steam-sloop "Canandaigua," European Squadron, 1865–7; naval rendezvous, Boston, 1869–71. Commissioned *Commodore*, 1870; commanded North Squadron of Pacific Fleet, 1871–2, and subsequently the Pacific Fleet, 1872. Commissioned *Rear-Admiral*, June 5, 1874. Retired, December 27, 1872.

George B. Balch.—Born in Tennessee, January 3, 1821; appointed from Alabama, December 30, 1837; attached to sloop "Cyane," Mediterranean Station, 1838–41; schooner "Grampus," 1841; sloop "Falmouth," 1842; Naval School, 1842. Promoted to *Passed Midshipman*, June 29, 1843; special duty, 1845; in war with Mexico, November 1, 1846, engaged in first attack on Alvarado, by squadron under Commodore Conner; engaged in active operations from May, 1846, to surrender of Vera Cruz, March, 1847; in Mosquito Fleet, under Commodore Tatnall, covering the landing of the army under General Scott, March 9, 1847; at the time Acting Master of the "Falcon;" March, 1847, engaged in the joint bombardment of Vera Cruz with the army, and was present at the surrender of that city and the Castle of San Juan d'Ulloa to the military and naval forces; steamer "Princeton," Mediterranean Squadron, 1847–8; Naval Observatory, Washington, 1849–50. Commissioned as *Lieutenant*, August 16, 1850; sloop "Plymouth," Asiatic Squadron, 1851–5; while on the "Plymouth," Lieutenant Balch, in command of the advance post at Shanghai, China, was wounded in the hip in a fight between the rebels and Imperialists; Navy Yard, Washington, 1855–7, sloop "Jamestown," Home Squadron, 1857–8; sloop "St. Mary's," Pacific Squadron, 1858–60; frigate "Sabine," 1860; while on the "Sabine," fell in with the transport "Governor" and rescued nearly four hundred marines, under Lieutenant-Colonel Reynolds, the transport sinking under the "Sabine's" stern, November 2, 1861; in command of steamer "Pocahontas," South Atlantic Squadron, 1861–2; volunteered for command of boats in taking possession of Tybee Island, December 26, 1861. Commissioned as *Commander*, July 16, 1862; engaged rebel battery at Stono, South Carolina; in August, 1862, ascended Black River the distance of twenty-five miles, and drove rebel battery from earth-works, and engaged rebel infantry on the bluffs; commanding steamer "Pawnee," South Atlantic Blockading Squadron, 1862–5; July 16, 1863, was attacked by two batteries, the rebels making a simultaneous attack on General Terry's forces. They were repulsed, and Commander Balch was informed by General Terry that he had saved his command. The "Pawnee" was struck forty-six times. On December 25, 1863, the "Marblehead" was opened on by rebel batteries; the "Pawnee" took an infilading position in the Keowah River, and demoralized the enemy and caused him to retreat; afterward captured two rebel guns; while in command of the "Pawnee," Commander Balch engaged in the combined operations of the naval forces under Rear-Admiral Dahlgren, and the army under General Foster, in Stono River, South Carolina, from July 3 to 11, 1864, and particularly in the bombardment of Battery Pringle, on James Island, South Carolina. On February 9, 1865, having with him the "Sonoma" and "Daffodil," he ascended the Togoda Creek, North Edisto, South Carolina, and engaged three rebel batteries of eleven or twelve guns, driving the rebels from their earthworks; the "Pawnee" was hit ten times, the "Sonoma" twice, and the "Daffodil" twice; Navy Yard, Washington, 1866–8. Commissioned as *Captain*, July 25, 1866; commanding flag-ship "Albany," North Atlantic Squadron, 1868–70; navigation duty, Washington, 1870–1; Navy Yard, Washington, 1872. Commissioned as *Commodore*, August 13, 1872; Governor Naval Asylum, Philadelphia, 1873–6; member Light-House

Board, 1877–8. Commissioned *Rear-Admiral*, June 5, 1878; member Examining Board, 1878; Superintendent Naval Academy, 1879–81; commanding Pacific Station, 1881–83, Retired, 1883.

Thomas H. Stevens.—Born in Connecticut. Appointed from Connecticut December 14, 1836; attached to razee "Independence," Brazil Squadron, 1838–41. Promoted to *Passed Midshipman*, July 1, 1842; surveying duty, Gulf of Mexico, 1842–3; steamer "Michigan," on the lakes, 1843–4; Naval Storekeeper, Honolulu, 1845–8; Naval Station, Sackett's Harbor, New York, 1849. Commissioned as *Lieutenant*, May 10, 1849; attached to steamer "Michigan" on the lakes, 1849–51; Coast Survey, 1852–5; steam-frigate "Colorado," Home Squadron, 1858–60; commanding steam-gunboat "Ottawa," 1861–2; participated in the engagement with the rebel fleet at Port Royal, November 4, 1861, and engagement with Forts Beauregard and Walker, November 5, 1861; battle of Port Royal and capture of Forts Beauregard and Walker, November 7, 1861; battle of Port Royal Ferry, January 1, 1862; engagement with Tatnall's rebel fleet, February, 1862; capture of Fort Clinch and the towns of Fernandina and St. Mary's, and steamer "Darlington," March 3, 1862; engagement with enemy's riflemen on the St. Mary's River, March 6, 1862; during the months of March and April, 1862, Lieutenant Stevens was in command of the first expedition up the St. John's River, which captured Forts Steele and Finnegan, with their guns, etc., and the towns of Mayport, Jacksonville, Magnolia, and Pulaski, and yacht "America." Commissioned as *Commander*, July 16, 1862; commanding steamer "Maratanza," North Atlantic Blockading Squadron, 1862; present at the battle of West Point, and command of the first naval expedition to Cumberland and White House to open the river for and support the advance of General McClellan, May, 1862; present at demonstration against Petersburg and battle of Malvern Hill, June, 1862; on July 4, 1862, the "Maratanza," under the command of Commander Stevens, captured the rebel gun-boat "Teazer;" commanding iron-clad "Monitor," North Atlantic Blockading Squadron, 1862; while in command of "Monitor," covering the flank of McClellan's army on the James River and the rear in his withdrawl from the Peninsula; commanding steamer "Sonoma," West India Squadron, 1862–3; capture of schooner "Clyde," steamer "Victoria," brigantine "Atlantic," bark "Springbok," steamer "Virginia," and chase of rebel privateer "Florida" for thirty-four hours; commanding iron-clad "Patapsco," South Atlantic Squadron, 1863; while in command of "Patapsco" participated in engagement with Fort Morgan, August 22, attack on Fort Sumter, August 23, and engagement with Fourt Moultrie, battery Bee, and adjacent batteries, in command of four monitors, August 31; on September 1, demonstration against Fort Sumter and obstructions; September 6, engagement with Forts Wagner and Gregg and capture of the same; September 7, demonstration against Fort Sumter and obstructions, and engagement with all of Sullivan's Island batteries; September 8, engagement with Sullivan's Island batteries; in command of boat assault on Fort Sumter on the night of September 8; bombardment of Fort Sumter, from October 25 to November 4, inclusive; commanding steam-sloop "Oneida," Western Gulf Blockading Squadron, 1863–5; operations before Mobile, from July 1 to August 3, 1864; to enable Commander Mullany (now Rear-Admiral), who had volunteered for the occasion to participate in the fight Stevens consented to take the double-turreted monitor "Winnebago," and Mullany was assigned to the "Oneida" (by this arrangement both of these officers commanded fighting ships); com-

manded monitor "Winnebago" in engagement with Fort Powell, driving off reinforcements and supplies, August 4, and in battle of Mobile Bay, and capture of rebel ram "Tennessee" and fleet, and at capture of Forts Powell and Gaines; bombardment and capture of Fort Morgan; while in command of "Oneida," May 13, 1865, off Bocha Chico, Texas, covering left flank of the army from apprehended attack; present at the ratification of the agreement for the surrender of the trans-Mississippi army, by Generals Curtis, Smith, and Magruder; in command of Texas division of Gulf Squadron, July, 1865; in August, returned to New York in command of the "Oneida." The zeal and conduct with which these arduous duties were performed during the war of the Rebellion are best shown in the numerous letters and testimonials in relation to Captain Stevens, from his commanding and brother officers,—men whose own experience and valor make them best qualified to judge of such services. Upon the occasion of his leaving the squadron the following letter was addressed him by the late Admiral Du Pont:

"I cannot permit you to leave without expressing my regret at your withdrawal from my squadron, having ever found you prompt, energetic, skilful, and brave in all the duties pertaining to your command. Your operations on the St. John's River, as senior-officer of the naval forces which took possession of those waters, were attended by circumstances requiring judgment and discretion, both of which you exhibited in a manner highly satisfactory to me.

"I am, sir, respectfully, your obedient servant,

"S. F. Du Pont,

"*Flag-Officer Commanding South Atlantic Blockading Squadron.*"

Upon being relieved of the command of the United States Steamship "Monitor," then in Hampton Roads, the present Rear-Admiral, John Rodgers, wrote as follows:

"In all the time of our companionship on duty you have evinced courage and coolness. In our reconnoissance of the forts of Hilton Head previous to the grand attack, in the grand attack in which they were taken, in the Cooper River, in the Appomattox, with your vessel aground under very trying circumstances, you have exhibited the characteristics of a valuable officer. I have not cited occasions of which I have only heard, but of which I have been mindful, where your conduct has received the warmest praise. Everywhere you have shown yourself a dashing, zealous officer."

Rear-Admiral Charles Wilkes, in a letter to the Secretary of the Navy, in reference to Captain Stevens, writes:

"I have had many and favorable opportunities, having been associated with him (Commander Stevens), and he served under my command in the James River, and in the West Indies, most of the time under my immediate observation. His patriotism is beyond doubt; his ability as an officer is second to none in the navy; he has at all times given me on duty entire satisfaction in the performance of his duties, and the zeal with which he executed them. I think him a high-toned officer and a gentleman, and know him to be an ornament to the service. His duties engrossed his whole attention; ever ready and prompt in their execution, winning my entire satisfaction and confidence in his willingness, activity and ability in the execution of orders. His command was always held ready for duty, and through his example, energy and good management he fulfilled many orders, overcoming great difficulties he had to encounter. He is brave and chivalric; no officer could have shown more attachment to the Union cause during the

late war, and none exerted themselves more to maintain and restore the Union and uphold the honor of our flag."

Rear-Admiral Rowan, in his letter to the Department, writes:

"I have great pleasure in stating that no officer (in my opinion) could have performed his duties better than did Commander Stevens during his arduous services off Charleston. I had many opportunities of judging of his conduct while under the fire of the enemy, and was most favorably impressed by his coolness, decision of character professional knowledge, intelligence, and energy upon the occasion of every conflict with the enemy off Charleston."

Admiral Rowan also says:

"I witnessed, upon one occasion, the gallant and intelligent conduct of this officer while engaged with Fort Moultrie and its other defences. I also witnessed his gallant bearing on the occasion of the 'Ironsides' attack on Fort Moultrie when he passed from his monitor to the 'Ironsides' and back to his vessel in a boat, while the fire of Moultrie and its surrounding batteries was concentrated on that ship."

Captain Stevens was also specially mentioned in Admiral Farragut's report of the battle of Mobile Bay; and Captain, now Rear-Admiral, Le Roy took occasion to say in reference to this action:

"Commander Stevens commanded one of the river iron-clads, and I had an excellent opportunity toward the close of the action with the fleet of observing the cool and gallant conduct of Commander Stevens. In my opinion, no officer could have exhibited more coolness. Commander Stevens was outside the turrets, perfectly exposed, and as the vessel I commanded was close alongside his vessel, both running for the ram 'Tennessee,' and as my vessel was the faster and more manageable, he cheered me with words of encouragement as I was passing."

The gallant and accomplished Captains Percival Drayton and C. R P. Rodgers, in their official reports of various operations against the enemy, make the most honorable mention of this officer.

Captain C. R. P. Rodgers, now Rear-Admiral, says:

"He (Commander Stevens) commanded the expedition which captured Jacksonville, and took possession of the St. John's River, where he displayed signal energy and judgment . . . In these operations against the enemy, I constantly had occasion to observe his imperturbable coolness, unflinching nerve, and thorough aptitude for command. . . . I am much impressed with his devotion to his country, and the eminent service he has rendered during the Rebellion."

The present Rear-Admiral J. R. M. Mullany, says:

"I can state that Commander Stevens is known to myself, and the service generally, as a gentlemanly and intelligent officer, distinguished for his coolness and gallantry in battle, and for his loyalty to the country and its flag during the war, and for his active efforts for the suppression of the late Rebellion, being foremost upon all occasions in seeking active service. It is, perhaps, worthy of remark, that while Commander Stevens was in command of an iron-clad, and under a very heavy fire from the forts at the entrance of Mobile Bay, on August 5, 1864, I observed he kept his position outside the turret throughout the engagement."

Captain Daniel Ammen, now Rear-Admiral, says:

"Commander Stevens and myself were together in the attack on Port Royal, afterwards in a demonstration on the city of Savannah, Georgia, in

which I have always thought he would have taken the city had he been in command."

Rear-Admiral J. L. Lardner says:

"Commander Stevens commanded the 'Ottawa,' one of Admiral Du Pont's Squadron, in part of the years 1861 and 1862. He performed his duty in a zealous, efficient, and gallant manner at the capture of Port Royal, on November 7, 1861, and at the capture of Fort Clinch and Fernandina, Florida. At the latter place, his vessel, the 'Ottawa,' was the first and only vessel that got into the harbor on the day of the capture, and Fort Clinch was taken possession of and occupied by Commander Stevens."

Commander James E. Jouett, now Captain, says:

"As the executive-officer of the steamer 'Michigan,' he performed his duties promptly, efficiently and faithfully, setting a noble example of officer-like conduct and patriotism. *Men were uncertain in those days.* He stood boldly forth in deprecating disloyalty. I served with him in the squadron off Mobile. He sustained the high reputation he had previously made off Charleston, South Carolina, for courage and dash. He was spoken of as the gallant Tom Stevens."

Commissioned as *Captain*, July 25, 1866; Light-House Inspector, 1867–70; commanding frigate "Guerriere," European Squadron, 1870–1. Commissioned as *Commodore*, November 20, 1872; commanding Navy Yard, Norfolk, Virginia, 1873–6. While on this duty, assigned by the President, at the request of the Governor of Virginia, as a member of U. S. Advisory Board to Harbor Commissioners of Norfolk and Portsmouth; continued upon same duty after being relieved as Commandant of the Yard, upon expiration of term, and also employed as President of Board for examination of and report on "Puritan;" special duty, Norfolk Harbor, 1878–80. Promoted to *Rear-Admiral*, October, 1879; commanding Pacific Squadron, 1880–1. Retired, 1881.

Aaron K. Hughes.—Born in New York State. Appointed *Acting Midshipman* from New York, October 20, 1838; made first cruise in the Pacific Ocean, on board the frigate "Constitution," flag-ship of Commodore Alexander Clayton, Captain Daniel Turner commanding, from January, 1839, until November, 1841; in February, 1842, was ordered to the brig "Boxer;" served in her in the Gulf of Mexico and in the West Indies, until the autumn of the same year; served in the receiving-ship "Pennsylvania," Norfolk, Virginia, from January, 1843, until June of the same year; was then ordered to the frigate "Macedonian," African Squadron, and served in her until the winter of 1844. Promoted to *Passed Midshipman*, May 28, 1844; served in the frigate "Columbia," coast of Brazil, from the fall of 1845 until the spring of 1846; served during the summer of 1846 in the office of the United States Coast Survey; in the fall of same year was ordered as Passed Midshipman to the steamer "Michigan," on the Western lakes, and served in her until the summer of 1848; served in the receiving-ship "North Carolina," as Passed Midshipman, from fall of 1849 until summer of 1850; was then ordered as Acting Master to the sloop "St. Mary's," which order was revoked before that vessel went to sea; in about a month after, was ordered to the sloop "Albany," and served in her as Acting Master in the West Indies and Gulf of Mexico, for two years and one month, and was granted leave from her in the latter part of the fall of 1852; in the winter of 1852, was ordered as Acting Master to the receiving-ship "Ontario," where he received a warrant as *Master*, in the line of promotion, and served in her until the summer of 1853, when he was detached and granted leave of ab-

sence. Promoted to *Lieutenant,* August, 1853, and in December of same year, was ordered as Lieutenant in sloop-of-war "Decatur," Pacific Squadron, until August of 1856; made the passage through the Straits of Magellan, from the Atlantic to the Pacific, occupying eighty-three days, or one hundred and eighteen days from Rio Janeiro, Brazil, to Valparaiso, Chili; while attached to this vessel in Puget Sound, Washington Territory, where he passed the winter of 1855–6, had an engagement on shore at the town of Seattle, with five hundred hostile Indians, who had attempted to murder the inhabitants, pillage and destroy the place; but through the unremitting watchfulness of the late Commodore Guert Gansevoort, their objects were frustrated by the landing of the officers and crew of the "Decatur;" engagement commenced at 8 A.M., and ended at 4 P.M., on the 26th day of January, 1856. It was estimated that the Indians lost thirty-five killed and thirty wounded. This ended hostilities in the Territory. In the winter of 1856–7, ordered as Lieutenant, and served on board the receiving-ship "Alleghany," Baltimore, as Executive-Officer until the fall of 1857, when he was ordered as Lieutenant and Executive-Officer to the store-ship "Supply," of the African and Brazil Squadrons, serving until the fall of 1858; after a month's leave, was again ordered to the receiving-ship "Alleghany," where he served as a Lieutenant until June, 1859; was then ordered as a Lieutenant to the "San Jacinto," and served in her as Second Lieutenant, Executive-Officer, and about six weeks in command of that vessel, until January, 1860; was then ordered by the flag-officer commanding the African Squadron to the sloop "Portsmouth" as Executive-Officer, and served in her until June of same year; was then reordered to the "San Jacinto," at the Island of Madeira, and on her way to St. Paul de Loanda, west coast of Africa, was sent as prize-master of the captured slaver "Storm King," and after taking charge of that vessel two hundred miles to the westward of the Congo River, and conveying six hundred and nineteen recaptured Africans to Monrovia, Liberia, a distance of fifteen hundred miles, delivered them to the charge of the Reverend John Seys, Government Agent there; brought the prize to Norfolk, Virginia, in September, 1860; in December, 1860, ordered as Lieutenant to receiving-ship "Princeton," at Philadelphia.—served in her until April 23, 1861, on which day he was ordered to the Philadelphia City ice-boat, which had been improvised into a man-of-war in less than twenty-four hours, as Executive, under Commander (now Rear-Admiral) Oliver S. Glisson; served in her in the Chesapeake, convoying government transports with troops and munitions of war, until the middle of May of same year; was then ordered to the frigate "Mississippi,"—served in her as Second Lieutenant and Executive in the Gulf Squadron, until October 31, 1861, when he was ordered in command of the steamer "Water Witch;" serving in same squadron until April, 1862, when she was ordered North for repairs; while in command of the "Water Witch," in November, 1861, was ordered by Captain (now Rear-Admiral) L. M. Powell, while lying off Fort Morgan, near the entrance to Mobile Bay, to steam in toward the fort and endeavor to cut out a schooner, which, in attempting to run in, had grounded under the guns of the fort; when within range he opened fire upon the schooner, which was vigorously returned by the guns of Fort Morgan, and from the guns of a masked battery to the eastward of the fort. This engagement lasted for more than an hour, when a signal to haul out of action was made by the officer above mentioned. In May, 1862 was ordered to command the gun-boat "Mohawk,"—served in her under Flag-Officer and Admiral Du Pont, South Atlantic Squadron, until June, 1863; while at Fernandina, Florida,

as senior Naval-Officer, was requested by the military authorities stationed there to accompany them on an expedition to St. Mary's, Georgia, for the purpose of supplying lumber for the troops. Accordingly, on November 9, 1862, the army transport having preceded him, steamed over to that place. On approaching the town, they met the army transport with two companies of volunteers returning, they having been fired into by rebel troops stationed in the town,—one of their men being dangerously, and two supposed mortally wounded, were sent on board the "Mohawk" for medical treatment. He continued on his course to the town and made fast to the wharf, sending an officer on shore, who communicated with two women, apparently the only inhabitants of the town; they assured him that the men alluded to had been wounded by some foolish boys,—the account did not satisfy him. He then offered to give these women a safe conduct to Fernandina, which they declined. He then determined to fire into the town, but upon the earnest solicitation of Colonel Rich, commanding 9th Regiment, Maine Volunteers, decided to leave without molesting the place, upon the express understanding, however, that if a single shot was fired at the vessel, he would return and bombard the town. He had no sooner left the wharf than volleys of musketry were opened upon him from different parts of the town. The channel of the river was so narrow that he was obliged to drop anchor in order to get the vessel's head up stream, and as soon as this could be done he opened fire upon the town and destroyed the greater portion of it, completely driving the rebels out of the place. He subsequently learned that one hundred and fifty men were concealed there. In June, 1863, was ordered to command the gun-boat "Cimmaron"—served in her in South Atlantic Squadron, under Rear-Admiral Dahlgren, until May, 1864; while in her he participated in the attack on the enemy's works before Charleston, August 17, 1863, and served in other engagements at the same place. In October, 1864, ordered to report to Acting Rear-Admiral Lee, as Ordnance-Officer, Mississippi Squadron; in February, 1865, was transferred as Executive-Officer to the Mound City Naval Station, in which capacity he served until February, 1866; in April, 1866, was ordered as a member of the Naval General Court-Martial assembled at Philadelphia, Pennsylvania, and served on it until it was dissolved in June, 1866; in August, 1866, was ordered as Light-House Inspector of the Sixth Light-House District, at Charleston, South Carolina, where he served until August 7, 1868. Promoted to *Lieutenant-Commander*, July 16, 1862. Promoted to *Commander*, November 16, 1862. Promoted to *Captain*, February 10, 1869; commanding receiving-ship "Boston," 1870; commanding "Pensacola" (second-rate), Pacific Squadron, 1872–4. Commissioned as *Commodore*, February 4, 1875; commanding Naval Station, Port Royal, South Carolina, 1877-8; Commandant Navy Yard, Norfolk, 1879–81. Promoted to *Rear-Admiral*, July 2, 1882; commanding Pacific Station, 1882–3. Retired, March, 1884.

Edmund R. Colhoun.—Born at Chambersburg, Pa., May 6, 1821. Appointed *Midshipman* from Missouri, April 1, 1839; attached to sloop "Marion," Brazil Squadron, 1839–41; frigate "Congress," Mediterranean and Brazil Squadrons, 1842–4; Naval School, Philadelphia, 1845; promoted to *Passed Midshipman*, July 2, 1845; frigate "Cumberland," Home Squadron, 1846–7; served in the Mexican War, being present at the first attack on Alvarado, under Commodore D Conner, and also under Commodore M. C. Perry, at the capture of Tobasco; receiving-ship at Philadelphia, 1850–1; frigate "St. Lawrence," Pacific Squadron, 1851–3; resigned June 27, 1853. Re-entered the Navy as an *Acting Lieutenant*, 1861; commanded steamers

"Shawsheen" and "Hunchback," North Atlantic Blockading Squadron, 1861–2; was in the following engagements: Roanoke Island, February 7 and 8, 1862; capture of Newbern, March 14, 1862; engagement on the Blackwater River, below Franklin, Va., October, 1862; commissioned as *Commander*, November 17, 1862; commander steamer "Ladona," North Atlantic Blockading Squadron, 1863; monitor "Weehawken," South Atlantic Blockading Squadron, 1863; took part in the different actions with Forts Sumter, Wagner, Beauregard, etc, from July 10 to September 15, 1863; commanded monitor "Saugus," 1864–5; engaged Howlett's Battery on James River, June 21 and December 5, 1864; took part in the bombardment of Fort Fisher, December 25, 1864, and its capture, January 15, 1865; was on special duty at New York, 1866. *Fleet-Captain*, South Pacific Squadron, 1866–7. Commissioned as *Captain*, March 2, 1869; commanded monitor "Dictator," 1869–70; flag-ship "Hartford," Asiatic Station, 1873–4; was in command of the Asiatic Station for four months; was then transferred to the "Richmond," flag-ship of the South Pacific Station, being in command of her from August, 1874, to July, 1875. Commissioned as *Commodore*, April 26, 1876. Relieved Rear-Admiral John Rodgers, in command of the Navy Yard, Mare Island, Cal., April 17, 1877. In command of that yard until January 15, 1881; special duty, 1881–2. Promoted to *Rear-Admiral*, December, 1882. Retired, May 6, 1883.

Robert W. Shufeldt.—Born in Dutchess County, New York, February, 1822. Appointed *Midshipman*, from New York, May 11, 1839; first cruise in the frigate "Potomac," 1839–41; Brazil Station, in brig "Bainbridge," Home Squadron, as *Acting Master*, 1842–4; at Naval School, Philadelphia, 1844–5. Promoted to *Passed Midshipman*, July 2, 1845; on Coast Survey, 1845–6; in sloop "Marion" and frigate "United States," west coast of Africa and Mediterranean, 1846–8; in U. S. Mail Steamers "Atlantic" and "Georgia," as *Chief Officer*, 1849–51. Promoted to *Master*, February 21, 1853. Commissioned as *Lieutenant*, 1854; resigned, June 21, 1854. (While out of the Navy he was active in the organization of the Steam Commercial Marine of New York, and after serving two years in the Collins line of steamers between New York and Liverpool, superintended the building of and commanded the steamers "Black Warrior" and "Catawba," between New York and New Orleans.) Was engaged for a year in the effort to open a transit route across the Isthmus of Tehauntepec. At the commencement of the war was commanding the steamer "Quaker City," between New York and Havana, when he was appointed Consul-General to Cuba by President Lincoln; served in that office for two years, under very trying circumstances. He resigned that commission in April, 1863, and accepted a commission in the Navy as *Commander*, previously tendered. In 1862, while Consul-General, was sent to Mexico on a special mission. At this time the French troops were in possession of Vera Cruz, and it required some discretion to reach the capital and perform the duty required. This, however, was accomplished. His commission was dated November 19, 1862. In May, 1863, commanded the "Conemaugh," South Atlantic Squadron. Was present and participated in the capture of Morris Island and in several of the attacks upon Fort Wagner. Commanded the "Proteus," East Gulf Squadron, 1864–5, and was *Senior Naval Officer* in the attack upon St. Marks, Florida; commanding flag-ship "Hartford," Atlantic Squadron, 1865–6, and steam-sloop "Wachusetts," 1866–8, on the same Station; commanding Naval Rendezvous, New York, 1868–9. Commissioned as *Captain*, December 31, 1869; commanding monitor "Miantono-

mah," 1870 organized; commanded Tehauntepec (Nicaragua) Surveying Expedition, 1870–1, but relinquished the command of the latter on account of health; commanding flag-ship "Wabash" and "Plymouth," European Squadron, 1871–2; Navy Yard, New York, 1872–4; Chief of Bureau of Equipment and Recruiting from February 1, 1875, to November, 1878. While there he reorganized the Naval Apprenticeship System upon its present basis. Commissioned as *Commodore*, September 21, 1876. In 1878 he had as his flag-ship the steam-sloop "Ticonderoga," and made a commercial and diplomatic cruise around the world under the auspices of the State Department; was appointed arbitrator by the English and American governments to settle the Liberian Boundary Question, and also authorized to open negotiations with the kingdom of Corea for the protection of American life and property; was Naval Attaché at Peking, China, 1881; was appointed Special Agent, with full power, by President Arthur to negotiate a treaty with Corea. This was accomplished, and the treaty signed May, 1882. This was the first treaty made by that country with any western power, and opened it to the commerce of the world. President of the Naval Advisory Board, 1882–4, and Superintendent of the Naval Observatory, 1883–4. Promoted to *Rear-Admiral*, 1883. Retired, February 21, 1884. In 1855 was President of Board of Visitors at the Naval Academy, Annapolis.

Alexander Colden Rhind.—Born in New York. Appointed from Alabama, September 3, 1838; attached to line-of-battle ship "Ohio" and sloop "Cyane," Mediterranean, 1839–41; sloop "Warren," West Indies, 1842–3; frigate "Macedonian," coast of Africa, 1843–4; Naval School, Philadelphia, 1844–5. Promoted to *Passed Midshipman*, July 2, 1845; brig "Washington," Coast Survey, 1845–6; Home Squadron, coast of Mexico, until end of the war; present at Alvarado and Tobasco; steamer "Water Witch," Home Squadron, 1848; Coast Survey schooner "Ewing," to California, 1849–50; sloop "St. Mary's," East Indies, 1850–1; Coast Survey, 1851–4. Promoted to *Master*, April 30, 1853. Commissioned as *Lieutenant*, February 17, 1854; sloop "John Adams," Pacific Squadron, 1855; sloop "Constellation," coast of Africa, 1859–61; commanding steam-gunboat "Crusader," South Atlantic Blockading Squadron, 1862; participated in various small affairs at North Edisto; shore fight at Seabrook's Plantation, South Carolina, the crew of the "Crusader" defeating a rebel mounted force, aided by a company of a Pennsylvania regiment from Edisto; capture and destruction of rebel works commanding South Edisto, Dawho, and Pon-Pon Rivers, for which he received the thanks of the Department. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steamer "Seneca," South Atlantic Blockading Squadron, 1862; commanding iron-clad steamer "Keokuk," South Atlantic Blockading Squadron, 1862–3; commanding her in the attack on defences of Charleston, April 7, 1863. In this engagement the "Keokuk" was struck ninety times in thirty minutes; nineteen shots pierced her through, at and just below the water-line. Finding it impossible to keep his vessel afloat under such an extraordinary fire, Commander Rhind withdrew from action. Being in smooth water, he managed to keep his vessel afloat during the night, although the water was pouring into her in many places, but at 7.30 A.M. on the following morning she went down; the officers and crew were saved, but lost all their effects. Commissioned as *Commander*, January 2 1863; commanded steamer "Paul Jones," South Atlantic Blockading Squadron, 1863, and took part in various engagements with Fort Wagner, and other defences of Charleston; commanded steam-frigate "Wabash," flag-ship South Atlantic Blockading Squad-

ron, 1863; commanding steam-gunboat "Agawam," North Atlantic Blockading Squadron, 1864–5, and on duty in James River from May to October, 1864. Engagement with rebel batteries at Deep Bottom, August 13, 1864. Rear-Admiral Lee, in his report of this affair, thus speaks of Commander Rhind: "I take great pleasure in calling the attention of the Department to the gallantry and endurance displayed by Commander Rhind of the 'Agawam,' and the officers and men under his command, in the engagement with three rebel batteries, August 13, 1864, reported to the Department by Captain Smith, divisional commander on the James River." Commander Rhind received thanks of the Department in letter dated September 7, 1864. In December, 1864, Commander Rhind was detailed by Admiral Porter to command the powder-boat "Louisiana," and on the night of the 23d that vessel was exploded within three hundred and fifty yards of Fort Fisher, the officers and men being taken off by the steamer "Wilderness." Rear-Admiral Porter, in his official report to the Navy Department, says, "In conclusion, allow me to draw your attention to Commander Rhind and Lieutenant Preston. They engaged in the most perilous adventure that was, perhaps, ever undertaken. As an incentive to others I beg leave to recommend them for promotion." Commanding receiving-ship "Vermont," New York, 1866–7; commanding Naval rendezvous, New York, 1868; Navy Yard, New York, 1869–70. Commissioned as *Captain*, 1870; commanding "Congress," (second-rate), European Station, 1872–3; Light-House Inspector, 1876–9. Commissioned as *Commodore*, September 30, 1876; President Board of Inspection, 1880–2; Governor Naval Asylum, 1883. Promoted to *Rear-Admiral*, October, 1883. Retired, 1883.

Thomas S. Phelps.—Born in Maine. Appointed from Maine, January 17, 1840; attached to sloop "Preble," coast of Labrador and Bay of Fundy, March to December, 1840; Mediterranean Squadron, January, 1841, to September, 1843; sloop "Boston," Brazil Squadron, October, 1843, to February, 1846; Naval School, February to July, 1846. Promoted to *Passed Midshipman*, July 11, 1846; sloop "Boston," Gulf Squadron, October 5, 1846; wrecked on the Island of Eleuthera, West Indies, November, 16, 1846; detached and ordered to steamer "Polk," for war and special service; in Mexico, February 20, 1847; after-section filled with water off Cape Hatteras, April 1, 1847; returned detached, and ordered to Coast Survey, May 7, 1847; attached to schooners "Nautilus," "J. T. Mason," and steamer "Legare," until June, 1849; razee "Independence," Mediterranean Squadron, June, 1849, to December, 1850; frigate "Constitution," same squadron, December, 1850, to February, 1851; schooner "Graham," steamers "Legare" and "Hetzel," Coast Survey, May 1, 1851, to November, 1852; receiving-ship "Pennsylvania," November, 1852, to January 1, 1853; steamer "Fulton," one month,—rejoined "Pennsylvania," and attached until December, 1853; surveyed Elizabeth River and Norfolk Navy Yard; sloop "Decatur," Pacific Squadron, December, 1853, to April 15, 1857; served throughout the Indian War in Washington Territory, 1855–6; battle of Seattle, January 26, 1856. Promoted to *Master*, March 1, 1855. Commissioned as *Lieutenant*, September 14, 1855; battle of Seattle W. T., January 26, 1856; ordnance duty, Norfolk, Virginia, May, 1857, to September, 1858; Paraguay Expedition and Brazil Squadron, September, 1858, to June, 1859; steamer "Crusader," Home Squadron June 16, to August 24, 1859; commanded steamer "Vixen," Coast Survey, and on special service, August, 1859, to September, 1861; attached to expedition for the relief of Fort Sumter, March, 1861. "In organizing the government for war, it was decided by the Chiefs of Departments that one naval officer skilled in

surveying should be detached for special service to co-operate with army and navy, and Lieutenant Phelps was selected by ballot for that duty." In consequence of the destruction of life-boats, buoys, and ranges, and the erection of heavy batteries by the rebels, the Potomac River was rendered almost impassable and at this critical moment, when the safety of Washington was hazarded, a survey and chart of the river became imperative. For this purpose, six steamers were placed at the disposal of Lieutenant Phelps. Selecting two, he, in June, successfully executed the work, which fully answered the requirements of the country. Transferred to steamer "Corwin" for secret service, September 24, 1861. Examined five of the inlets of North Carolina, and surveyed and buoyed Hatteras Inlet, for the introduction of expeditions into the interior waters of that State; skirmished with rebel gunboats, Pamlico Sound, November 9, 1861; engagement with rebel gunboat "Curlew," Hatteras Inlet, November 14, 1861; received compliments of Secretary of Navy; secret service in Virginia waters, December, 1861; attached to North Atlantic Blockading Squadron, March, 1862; assigned to command of divisions for operations in rear of Gloucester Point, Virginia, April 1, 1862; York River, April 21, three engagements with Yorktown and Gloucester Point batteries; skirmish with rebels, Queen's Point, Virginia, captured five, and caused the destruction of two of the enemy's vessels,—prevented destruction of White House bridge, May 4, 1862; frequent skirmishes with main body of rebel army retreating from Yorktown, May 5 and 6; battle of West Point, Virginia, ascended the Matipony River, and prevented the junction of a large force of rebels with main army, May 7; made reconnoissance charts of Matipony and Pamunky Rivers. Commissioned as *Lieutenant-Commander*, July 16, 1862. In obedience to the demands of Congress and an order of the Navy Department, executed a close and complete survey of the Potomac River, opposed in the work by enemy's infantry and artillery, July 29, 1862, to March 1, 1863; commanded steamer "Corwin," on special service, from March, 1863, to December, 1864,—principally employed in making surveys in anticipation of naval and military movements, and in examining dangers in the way of blockaders and transports; iron-clad "Saugus," December, 1864; steam-sloop "Juniata," January 3, 1865; commanded the "Juniata" at the capture of Fort Fisher, January 15, 1865; South Atlantic Blockading Squadron, January 21, 1865; commanded steamer "Lenapee," Atlantic Coast Squadron, March 2, 1865, to April 3, 1867; senior officer on coast of North Carolina, from March, 1865, to December, 1865. Commissioned as *Commander*, August 5, 1865; Mare Island Navy Yard, California, 1867–70; commanding R. S.. "Independence," 1870–1; commanding steam-sloop "Saranac," N. P. Station, 1871–3. Commissioned as *Captain*, June 19, 1871; Navy Yard, Mare Island, California, 1873–7; commanding receiving-ship "Independence," September, 1877, to March, 1879. Promoted to *Commodore*, January 13, 1879; commanding Navy Yard, Mare Island, Cal., January 15, 1881, to March 15, 1883; commanded South Atlantic Station, 1883–4. Promoted to *Rear-Admiral*, March 1, 1884. Retired, November 2, 1884.

F. A. Roe.—Born in Elmira, N. Y., October 4, 1823. Appointed *Acting Midshipman*, October 19, 1841; after six months' service at sea was warranted, February 3, 1842; ordered to sloop-of-war "John Adams;" served a full cruise on the coast of Brazil and south and east coast of Africa; detached from the "John Adams," May 29, 1844; ordered to sloop-of-war "Yorktown," September 3, 1844; made three cruises on that ship on the west coast of Africa, as a *Midshipman* doing a Lieutenant's duty as a warrant officer; detached from the "Yorktown," June 4, 1846; ordered to the

sloop-of-war "Boston," October 5, 1846, bound to the Gulf of Mexico to join the squadron under Commodore O. H. Perry, blockading Vera Cruz, Mexico; was shipwrecked on that vessel on Eleuthera Island, West Indies; ship was a total loss; detached from the "Boston," February 24, 1847; ordered to the steamer 'Alleghany,'' fitting out at Memphis, Tennessee, February 24, 1847; served on that vessel until her arrival at Norfolk, Virginia, October 20, 1847. Detached from the "Alleghany'' and ordered to the Naval Academy, Annapolis, Md., October 20, 1847; graduated from the Naval Academy, July 12, 1848, and promoted to *Passed Midshipman* from August 10, 1847, being a year late in going to the Academy; detached from the Academy and granted ninety days' leave of absence, July 12, 1848. Ordered to the sloop-of-war "Albany,'' September 26, 1848, and cruised in the West India Islands; detached from "Albany,'' August 13, 1849; was dismissed from the service by sentence of court-martial, for disobedience of an *illegal order*, October 23, 1849; reappointed a *Passed Midshipman* from August 10, 1847, to take original rank and place in Navy List, September 27, 1850. Ordered to Coast Survey, but the orders were revoked, October 9, 1850; ordered as a watch officer to the naval steamer "Georgia;'' served two years as Executive Officer of the "Georgia," October 23, 1850; detached from the "Georgia," November 24, 1852 Ordered to the brig "Porpoise," of the North Pacific and Behring Strait Expedition, December 2, 1852, (was appointed *Acting Master* to do the duty of Lieutenant); served as Executive Officer of the "Porpoise" until the reorganization of the squadron in China under the Acting Commodore, John Rodgers, in August, 1854. While in China, as Executive Officer of the "Porpoise," had an action with a fleet of thirteen heavy armored pirate junks, in Konlan Bay; destroyed six of these junks, defeated the pirate fleet and dispersed its vessels. It was a hot action of two hours, fought under canvas under way. Detached from the "Porpoise," August, 1854; ordered and appointed an *Acting Lieutenant*, commanding and Executive Officer of the flag-ship "Vincennes,'' exploring expedition; made a cruise in the Arctic regions as high as latitude 72° 5′ N., and along the north and east coasts of Siberia and Japan, and Kurile Islands; detached from the squadron and the "Vincennes,'' November 3, 1855, and on arrival at San Francisco, Cal., ordered East to await orders; warranted as a *Master* in the Navy, August 8, 1855. Promoted to a *Lieutenant*, September 14, 1855; total service to this date, ten years and nine months; ordered to the Coast Survey schooner, "Bowditch,'' February 21, 1856, coast of Georgia, surveying coast; detached from the Coast Survey Service and ordered to the frigate "Macedonian,'' (Fourth Lieutenant), April 17, 1858; served the cruise in the "Macedonian'' in the Gulf of Mexico and Mediterranean; detached from the Mediterranean on expiration of cruise, July 14, 1860; ordered to ordnance duty, New York Navy Yard, September 13, 1860; service as Assistant Inspector of Ordnance until July 14, 1861, when applied for service afloat at the front, civil war being declared; ordered to the U. S. S. "Pensacola,'' August 2, 1861, at Washington, D. C., fitting out for passage down the Potomac, which was blocked by rebel batteries. While preparing for sea was ordered temporarily, in great haste, in consequence of the battle and defeat at Bull Run, with 500 seamen to occupy Fort Ellsworth, near Alexandria, Va. Occupied the Fort, which was General McClellan's left, until the army moved, when he returned to the "Pensacola." Was Executive Officer of the "Pensacola" at the memorable passage of that ship down the Potomac River, through nine miles of batteries under constant fire. Passage successfully made, accompanied by the Presi-

dent and his Cabinet until under fire. Carried the ship ("Pensacola") to New Orleans, led the starboard (van) column of the Farragut fleet at the battle and passage of Forts Jackson and St. Phillip, and eighty miles above the Chalmette Forts (earthworks and heavy guns). Was specially commended for good conduct on this occasion by Commodore Henry Morris, and recommended for promotion to grade of Commander; detached from the "Pensacola," at New Orleans, August 5, 1862, and ordered to command the gun-boat "Katahdin," and same day fought the battle of Baton Rouge, against John C. Breckenridge. Promoted to the grade of *Lieutenant-Commander*, by appointment, August 6, 1862; detached from "Katahdin," February 2, 1863, and ordered North by Admiral Farragut on account of failing health. During this service on the Mississippi was in several engagements and constant skirmishes with the enemy, fights at Plaquemine, Bonnét Carré, College Point, and the engagement with and destruction of the Rebel iron-clad ram "Arkansas." Commissioned a *Lieutenant-Commander* from July 16, 1862, on March 4, 1863; and ordered to command the "Neptune," August 27, 1863, but orders changed on September 4, 1863, and ordered to command the double-ender and paddle-wheel steamer "Sassacus," fitting out at Boston. Commanded the "Sassacus" off Wilmington on the blockade for two weeks, and destroyed two valuable blockade runners (English steamships). Was ordered to the sounds of North Carolina, until July 20, ,1864 when detached on account of sickness and sent to the hospital, Norfolk Va., During the service of North Carolina was engaged in action with the Rebel ram "Albemarle" and gun-boat "Bombshell." The battle took place on May 5, 1864, in Albemarle Sound. Attacked in the evening by broadside of shot at close quarters and ramming. The ramming disabled the "Albemarle," and she retreated, leaking badly, up the sound to Plymouth, N. C., or Roanoke River. To keep from sinking, the ram ran aground at a spot near Plymouth. The "Bombshell," a small gun-boat, surrendered to the "Sassacus," in the first of the engagement, and her surrender was received by the "Sassacus," which took possession of her. July 22, 1864, is dated a letter of thanks and commendation from the Secretary of the Navy, and advancement of five numbers in grade for her commander for "gallant and meritorious conduct before the enemy." Having been discharged from the hospital on November 11, 1864, was ordered to command the U. S. ship "Michigan," on the Lakes. During this command he suppressed a general insurrection of the miners of the iron region at Marquette, and of the copper region at Houghton, saved the town of Marquette from being sacked by miners, and had the privateer "Georgian," captured by English authority at Collingswood, Canada. Detached from the "Michigan" and Lake service, and wait orders, April 7, 1866; ordered to the "Madawaska," June 13, 1866 (subsequently the "Tennessee"), as Executive Officer of trial service of the engineers and machinery. Promoted to the rank of *Commander*, July 25, 1866; succeeded Commodore S. C. Rowan, August, 1866, in the command of the "Madawaska," until the completion of the work; detached from the "Madawaska," January 29, 1867, and ordered to "Tacony," double-ender, fitting out at Norfolk, Va., for Gulf of Mexico. Was ordered by Rear-Admiral Palmer to command the Mexican Gulf Division of his squadron, and stationed at Vera Cruz. During this command at Vera Cruz, at the time of the capture and execution of the Prince Maximilian, and during the change of government to a republic under the President Juarez, saw the last of the evacuation of the French from Mexico. Took the famous Santa Ana a prisoner out of an American steamer, and sent him out of Mexico. Was

employed frequently as negotiator between General Benevidez, of the Republican army, and Burreau, the Imperial Governor of Vera Cruz. Received the surrender of Vera Cruz and San Juan d'Ulloa from the hands of General Gomez, who refused to surrender to Benevidez or Juarez, where Maximilian was executed. Preserved order in Vera Cruz and established a provisional government until the city was occupied by the Republican troops under Benevidez. Detached from the "Tacony," at Pensacola, August 3, 1867, after Mexican affairs were settled, and ordered to Washington. Sent for by the President (Johnson) in cabinet-meeting, and received his thanks and congratulations for good conduct in Mexico. On this occasion President Johnson ordered the Secretary of the Navy, Mr. Welles, to promote this officer, but the verbal order was forgotten and not carried out. Ordered as Fleet Captain of the Asiatic Fleet, under Rear-Admiral S. C. Rowan, August 3, 1867, in U. S. frigate "Delaware" (*née* "Piscataqua"), fitting out at Portsmouth, N. H. Served full cruise, three years, as Fleet Captain in U. S. frigate "Delaware," Asiatic Station. Sea service to that date, twenty-two years and seven months; shore service three years; detached from "Delaware," November, 1870, having arrived at New York from China, and wait orders; ordered to Examination Board for promotion, March 15, 1872. Commissioned as *Captain*, April 1, 1872; ordered to command naval rendezvous, at San Francisco, Cal., August 5, 1872; detached and waiting orders, March, 17, 1873; ordered as Executive Officer and Captain of the Yard, Boston Navy Yard, June 12, 1873; detached, and ordered to command the frigate "Lancaster," at Key West, Fla., bound to Brazil, February 28, 1874; made cruise to Brazil, and served as flag-ship; was chief of staff again; detached from "Lancaster," having returned from cruise, Brazil Station, July 16, 1875; ordered to Naval Station, New London, August 9, 1875; detached from Naval Station, at New London, and placed on furlough by Secretary George M. Robeson, July 18, 1876; ordered as member of Board of Examination at Naval Academy, Annapolis, March 3, 1879; detached from that duty, April 5, 1879; ordered as president of a Board to revise the allowance books of the Bureaus of the Navy Department, under commission as *Captain*, November 7, 1879; received letter of commendation from Admiral Le Roy, with whom he served as Chief of Staff, etc., etc.; having completed the work of the Revisory Board, was detached and placed on waiting orders; ordered to Torpedo Station, Newport, R. I., July, 1883, as president of a Board of Examiners, of a class of thirty commissioned officers, with experiments and conduct of that station; in August completed, and detached again for duty; ordered as Governor of the U. S. Naval Station for Retired Seamen (Naval Asylum), at Philadelphia, October 31, 1883; relieved Rear-Admiral A. C. Rhind on that day, and assumed command. Commissioned a *Rear-Admiral* in the Navy, November 3, 1884; passed the examination before two boards, medical and professional; detached from the command of the Naval Asylum, Philadelphia, October 4, 1885, and transferred to the retired list, having reached sixty-two years of age.

Samuel R. Franklin.—Born in Pennsylvania. Appointed from Pennsylvania, February 18, 1841; attached to frigate "United States," Pacific Squadron, 1841–3; store ship "Relief," Pacific Squadron, 1845–7; present at the demonstration upon Monterey, the enemy offering no resistance, and the place being occupied without a battle; Naval School, 1847. Promoted to *Passed Midshipman*, August 10, 1847; razee "Independence," Mediterranean Squadron, 1849–52; Coast Survey, 1853–5. Commissioned as *Lieutenant*, September 14, 1855; Naval Academy, 1855–6;

sloop "Falmouth," Brazil Squadron, 1857–9; sloop "Macedonian," Home Squadron, 1859–60; steam-sloop "Dacotah," Atlantic coast, 1861–2; was a volunteer on board of the "Roanoke" in the action with the "Merrimac," March, 1862, in which the "Congress" and "Cumberland" were destroyed. The "Roanoke" was engaged with the forts at Sewell's Point, but grounded, and did not get fairly into the action. Executive Officer of the "Dacotah" in the attack upon the batteries at Sewell's Point in the spring of 1862. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding the steam gunboat "Aroostook," James River flotilla, 1862; commanding "Aroostook," Western Gulf Blockading Squadron, 1863; special duty, New Orleans, 1864; on the staff of Acting Rear-Admiral Thatcher during the operations of Mobile Bay, in the spring of 1865, and was the naval representative in the demand for the surrender of the City of Mobile; commanding steamer "Saginaw," North Pacific Squadron, 1866–7. Commissioned as *Commander*, September 26, 1866; ordnance duty, Mare Island, California, 1868–9; commanding steam-sloop "Mohican," North Pacific Squadron, 1869–70; equipment duty, Navy Yard, Mare Island, California, 1870–2. Commissioned as *Captain*, August 13, 1872; Fleet Captain of the Western Gulf Blockading Squadron, under Commodore Bell, Rear-Admiral Palmer, and Acting Rear-Admiral Thatcher. Joined the "Wabash," on the European Station, in 1873, and commanded her and served as Chief of Staff to Rear-Admiral Case. The flag was shifted to the "Franklin," which vessel he commanded and served in her as Chief of Staff to Rear-Admiral Worden, when he relieved Admiral Case in command of the squadron; President of Board of Examiners for promotion of officers, Navy Yard, Norfolk, 1877. Promoted to *Commodore*, May, 1881; special duty, Washington, 1881–3; Hydrographer to the Bureau of Navigation, 1877–80; Superintendent Naval Observatory, 1884–5 Promoted to *Rear-Admiral*, January, 1885; ordered to command European Station, February, 1885, with the "Pensacola" as flag-ship; remained in this command till August, 1887, when he was relieved. Retired, 1887. Appointed by President Cleveland, February, 1889, as one of the delegates on the part of the United States to the International Marine Conference, and was chosen President of that body on 16th of October, upon its assembly at Washington.

Stephen Bleecker Luce.—Born in New York, March 25, 1827. Appointed *Midshipman* from New York, October 19, 1841, and ordered to the "North Carolina," 74, New York; April, 1842, to March, 1845, attached to frigate "Congress," Captain P. F. Vorhees, on the Mediterranean and Brazil Stations; May, 1845, to March, 1848, attached to the "Columbus," 74, Commodore James Biddle, circumnavigating the globe, visiting Japan, and serving on the coast of California during the Mexican War. April 1, 1848, ordered to Naval Academy for examination for promotion to *Passed Midshipman;* August 20, 1849, to October, 1852, attached to "Vandalia," Captain William H. Gardner, during her cruise in the Pacific; December, 1852, attached to astronomical party, under Lieutenant J. M. Gilliss, Washington, D. C; May 9, 1853, to February 8, 1854, attached to steamer "Vixen," Home Squadron; May 18, 1854, to November 16, 1857, attached to United States Coast Survey. Promoted to *Master*, November 15, 1855. Commissioned as *Lieutenant*, September 16, 1855; November 16, 1857, to February 11, 1860, attached to sloop-of-war "Jamestown," Captain C. H. A. H. Kennedy, during her cruise in West Indies and on the Isthmus; March 2, 1860, to Naval Academy, as Assistant Instructor; May 2, 1861, ordered to frigate "Wabash," Captain William Mercer, attached to Blockading

Squadron, coast of South Carolina; participated in the battles of Hatteras Inlet and Port Royal; commanded a howitzer launch of "Wabash" during a reconnoissance in force and engagement with rebels at Port Royal Ferry, South Carolina, by combined military and naval forces; January 10, 1862, ordered to Naval Academy, Newport, Rhode Island. Commissioned as *Lieutenant Commander*, July 16, 1862; June 1, 1863, ordered to command practice-ship "Macedonian" (European cruise); October 13, 1863, ordered to command monitor "Nantucket," attached to North Atlantic Blockading Squadron; while in command of "Nantucket" engaged the rebel forts Sumter and Moultrie a number of times; August 19, 1864, ordered to command "Sonoma," double-ender, North Atlantic Blockading Squadron; August 27, 1864, to "Canandaigua," North Atlantic Blockading Squadron; September 1, 1864, to June 9, 1865, to "Pontiac," North Atlantic Blockading Squadron; while in command of "Pontiac," engaged Battery Marshall. January 5, 1865, reported to General W. T. Sherman, at Savannah, Georgia, for duty in connection with the army. With much difficulty got the "Pontiac" up the Savannah River to Sister's Ferry, about forty miles above the city, and guarded the pontoon bridge from molestation by the rebels while General Slocum's wing passed into South Carolina. September 26, 1865, to Naval Academy (Annapolis); October 6, 1865, relieved Commander Fairfax as Commandant of Midshipmen (Naval Academy); June 8, 1866, ordered to command Practice Squadron, consisting of "Macedonian" and "Savannah," frigates; "Winnipeg," double-ender "Saco" and "Marblehead," steam third-rates; and yacht "America" (cruise on the coast). Commissioned as *Commander*, July 25, 1866; June 12, 1867, in command of Practice Squadron, consisting of "Macedonian," "Savannah," and "Dale" (European cruise); May 31, 1868, in command of Practice Squadron, consisting of "Savannah," "Macedonian," and "Dale" (West Point and European cruise); September 30, 1868, to May 26, 1869, in command of "Mohongo," double-ender, Pacific Squadron; February 19, 1869, to July 12, 1872, in command of "Juniata," Mediterranean Squadron; September 14, 1872, to Boston Navy Yard, as Equipment Officer. Commissioned as *Captain*, December 28, 1872; December 12, 1873, ordered to command frigate "Minnesota" during the "Virginius" excitement; detached on the 22d, and resumed duties at Boston; October 15, 1875, detached from Boston Navy Yard (as Captain of the Yard); November 1, 1875, ordered to command the "Hartford," at New York, relieving the "Worcester" as flag-ship of the North Atlantic Squadron; August 21, 1877, detached from the "Hartford;" August 25, 1877, ordered as Inspector of Training-ships; January 1, 1878, to January 1, 1881, in command of the U. S. training-ship "Minnesota," cruising on the coast; April 25, 1881, to June 30, 1884, in command of U. S. Naval Training Squadron, cruising. Promoted to *Commodore*, November 25, 1881; October 9, 1882, ordered as President of Commission on the Sale of Navy Yards; July 26, 1884, ordered to command the North Atlantic Squadron as *Acting Rear-Admiral;* September 20, 1884, ordered as President of the U. S. Naval War College, Coaster's Harbor Island, R. I. Promoted to *Rear-Admiral*, October 5, 1885. From June 18, 1886, to February 13, 1889, in command of naval forces, North Atlantic Station. March 25, 1889, transferred to the retired list. Total sea service, thirty-three years; other duty, twelve years three months; unemployed one year eleven months. May 23, 1892, commissioned by President Harrison, as *Commissioner-General*, to represent the United States of America at the Columbian Historical Exposition, held in Madrid in 1892, in commemoration

of the Four Hundredth Anniversary of the Discovery of America. March 1, 1893, the Queen Regent of Spain conferred upon Rear-Admiral Luce the "Grand Cross of Naval Merit, with the White Distinctive Mark," for his services as Delegate of his Government to the Columbian Exposition.

James E. Jouett.—Born in Kentucky, February 27, 1828. Appointed from Kentucky, September 10, 1841. Commissioned *Passed Midshipman*, August 10, 1847; *Master*, September 14, 1855; *Lieutenant*, September 15, 1855; *Lieutenant-Commander*, July 16, 1862; *Commander*, July 25, 1866; *Captain*, January 6, 1874; *Commodore*, January 11, 1883; *Rear-Admiral*, February 19, 1886. Rear-Admiral Jouett entered the navy of the United States as a midshipman September 10, 1841, and passed through the successive grades of the service to the outbreak of the late war, when, on the night of November 17, 1861, holding then the position of a lieutenant in the United States Navy, and serving on board the United States frigate "Santee," made himself conspicuous for gallantry in conducting a hazardous boat expedition against the Confederate vessel of war "Royal Yacht," off Galveston, Texas, and in capturing and destroying said vessel, in which encounter he received a severe pike wound in the arm and side, and for which hazardous and important service he was recommended by his immediate commanding officer, Captain Henry Eagle, for a command suitable to his rank; he was complimented in general orders by Flag-Officer William W. McKean, commanding the squadron, and ordered by the Secretary of the Navy, who officially expressed the Department's appreciation of his "daring and successful exploit," to proceed to Washington, so that he might "be given a command worthy of his gallantry." Later, when commanding the United States gunboat "Metacomet" in the fight in Mobile Bay, August 5, 1864, he promptly pursued and captured the Confederate war steamer "Selma" after a desperate conflict, and also rendered other gallant service during that fight, for which he was commended to the Secretary of the Navy by Admiral David G. Farragut, commander-in-chief, who reported that "Lieutenant-Commander Jouett's promptness and coolness throughout the fight merited high praise, received his warmest commendation, and was worthy of his reputation." For the gallantry displayed on that occasion Commander James E. Jouett was recommended by a board of officers, of which Admiral Farragut was president, appointed in 1865, "to consider the claims of officers of the Navy for advancement for heroic conduct in battle," to be promoted thirty numbers; but for some reasons the advancement was never made. Lieutenant Jouett subsequently commanded the "Montgomery" and "R. R. Cuyler," and was actively engaged in blockade duty. His next command was the side-wheel wooden steamer "Metacomet," which participated in the fight in Mobile Bay, and was lashed to the side of Rear-Admiral Farragut's flag-ship, the "Hartford," and passed the forts with her. It was in this fight, August 5, 1864, that Captain (then Lieutenant-Commander) Jouett was again eminent and conspicuous in battle. Rear-Admiral Farragut says in his report: "Finding myself raked by the rebel gunboats, I ordered the 'Metacomet' to cast off and go in pursuit of them, one of which, the 'Selma,' she succeeded in capturing. Captain Jouett was after her in a moment, and in an hour's time he had her as his prize. * * * Lieutenant-Commander Jouett's conduct during the whole affair commands my warmest commendation. The 'Morgan' and 'Gaines' succeeding in escaping under the protection of the guns of Fort Morgan, which would have been prevented had the other gunboats been as prompt in their movements as the 'Metacomet.'" Again he reports: "Our little consort, the 'Metacomet,' was under my imme-

diate eye during the whole of the action up to the moment I ordered her to cast off in pursuit of the 'Selma' The coolness and promptness of Lieutenant-Commander Jouett, throughout, merit high praise; his whole conduct was worthy of his reputation."

Extracts from Commodore Foxhall A. Parker's "Battle of Mobile Bay."

At a little past eight, however, the Admiral, observing that all his vessels were clear of the fort, made signal—"*Gunboats, chase enemy's gunboats!*" The signal was hardly above the "Hartford's" deck, when Jouett, cutting the fasts which bound him to that vessel, started in obedience to it, followed at some distance by the "Itasca," "Kennebec," and "Port Royal." His vessel was very fast, but owing to the fact that she drew much more water than the Confederate gunboats, he found himself, before long, *dragging the bottom.* The executive officer, Lieutenant Sleeper—than whom no cooler man lived—reported to him that the "Metacomet" had a *foot less water under her bottom than her draught.* This was startling! for should the vessel ground hard, the pursued might turn upon the pursuer, and change the game somewhat. "Call the leadsmen in from the chains, Mr. Sleeper!" ordered Jouett. Mr. Sleeper looked amazed. "I tell you,' said Jouett, who idolized Farragut, and was a strict constructionist, "the admiral has directed me to follow these gunboats, and I am going to do it. Call the men in from the chains at once, sir, they are *demoralizing* me!" At this, the crew—who knew their commander well—set up a loud laugh, and the "Metacomet" continued in pursuit with the result we know.

OFFICE OF THE ADMIRAL, *Washington, D. C., March 10, 1890.*

DEAR SIR: Rear-Admiral James E. Jouett has made application to Congress to be placed on the same footing, on the retired list of the Navy, with Vice-Admiral Rowan and Rear-Admiral Worden. These two officers were promoted for their services, given the thanks of Congress, which carried with it ten additional years on the active list, and finally retired on the highest pay of their grade.

Rear-Admiral Jouett bore a conspicuous part in the war and is highly spoken of by his commanding officer, Admiral Farragut. He was also recommended by a board of admirals, of which I was a member, for an advancement of thirty numbers in his grade. Had he received this promotion, it would have made him a rear-admiral some years sooner than he reached that grade. He was unjustly treated then, and it ought to be made up to him now.

No officer received higher commendations from Admiral Farragut than did Rear-Admiral Jouett. The papers are on file and speak for themselves. To make a distinction between the two gallant officers who were so satisfactorily retired by Congress and Rear-Admiral Jouett would be invidious, and I therefore beg of you and the other members of the Naval Committee to give Admiral Jouett's application your most generous consideration and place him on the same footing with Vice-Admiral Rowan and Rear-Admiral Worden, viz., retirement with full sea-pay.

The Navy has not received a great many proofs of approval for the part it took in the late war, and acts of liberality from Congress are very gratifying. I know that I have only to draw your attention to what an officer has done to obtain a response from your generous feelings.

I have the honor to be, very respectfully, your obedient servant,

DAVID D. PORTER, *Admiral, U. S. Navy.*

HON. LELAND STANFORD, *United States Senate.*

As commander of the United States naval forces on the North Atlantic Station, Rear-Admiral James E. Jouett, by his prompt, firm, and judicious course in the spring of 1885, during the rebellion on the Isthmus of Panama, restored order, reëstablished transit, prevented great destruction of property and loss of life, and was instrumental in bringing about the surrender of the insurgent forces in the United States of Colombia, and in effecting a peaceful solution of the United States of Colombia, and reflected credit on the United States of America.

NAVY DEPARTMENT, *Washington, March 14, 1892.*

SIR: I have the honor to acknowledge the receipt of a letter, dated the 26th ultimo, from the Committee on Naval Affairs of the House of Representatives, inclosing H. R. bill No. 1173, "in relation to the pay of Rear-Admiral James E. Jouett, retired," and requesting the opinion of the Department upon the merits of the bill.

It is important, in the consideration of the question involved in the provisions of this bill, that the committee should be informed as to the contents of the records of the service of this officer, as the same appear in this Department. I have, therefore, to inclose herewith a printed copy of a memorandum prepared and forwarded by the Secretary of the Navy to Hon. John S. Williams, United States Senate, March 2, 1880, at which time the propriety of the advancement of Rear-Admiral Jouett, then a captain in the Navy, for eminent and conspicuous conduct in battle, was under consideration.

The memorandum recites briefly the conspicuous war service of Rear-Admiral Jouett, the chief features of which were the capture and destruction of the rebel privateer schooner "Royal Yacht" off Galveston, Tex., during the night of November 7, 1861, and the capture of the Confederate war steamer "Selma" in Mobile Bay, August 5, 1864.

Referring to the capture of the "Royal Yacht," Captain Eagle, U. S. Navy, then commanding officer of the U. S. S. "Santee," to which vessel Rear-Admiral, then Lieutenant, Jouett was attached, in his report, dated November 15, 1861, upon this engagement to the Department, says:

"Among the brave officers and men Lieut. James E. Jouett and Mr. William Carter, gunner, were conspicuous for their coolness and courage. They were the first to board the vessel.

"It is with pleasure that I would call the attention of the Department to the gallantry of Lieut. Jouett. He was seriously wounded in the arm and side at the commencement of the contest. Although suffering from wounds and loss of blood, he showed great firmness throughout, and after setting fire to the vessel he was three hours in the launch pulling for the ship, and had the care of twelve prisoners and six of his wounded men. I can, with confidence, recommend him for a command of any vessel in the service suitable to his rank, although I should much regret his detachment from this ship, as he is a very efficient officer."

The views of Flag-Officer McKean, then commanding the Gulf Blockading Squadron, upon the conduct of the officers and men engaged in the capture of the "Royal Yacht" were expressed in a general order, dated December 17, 1861, which contains the following paragraph:

"The commander-in-chief of the United States naval forces in the Gulf of Mexico is anxious to express in the most public manner his entire appreciation of the gallantry and coolness displayed by the officers and men of the U. S. frigate "Santee," engaged in the expedition for the seizure and destruction of the privateer schooner "Royal Yacht," in the harbor of Galveston, on the night of the 7th ultimo."

The Secretary of the Navy, in a communication addressed to Flag-Officer McKean, under date of December 23, 1861, acknowledging the receipt of the official reports of the capture and destruction of the "Royal Yacht," said:

"The Department cannot, in too high terms, express its admiration of the daring and successful exploit of Lieut. Jouett and the officers and seamen under his command.

"The capture of a schooner well-armed and manned, and with every advantage of resistance, after a desperate encounter, speaks well for the intrepidity and bravery of the captors;" with which communication the Secretary inclosed an order detaching Lieut. Jouett from the "Santee" and directing him to proceed to New York, stating that it was 'the purpose of the Department to give him a command worthy of his gallantry."

In his detailed report, dated August 12, 1864, of the battle of Mobile Bay, Rear-Admiral Farragut, referring to the conduct of Rear-Admiral, then Lieutenant-Commander, Jouett says:

"The rebel gunboats 'Morgan,' 'Gaines,' and 'Selma' were ahead, and the latter particularly annoyed us with a raking fire, which our guns could not return. At two minutes after 8 I ordered the 'Metacomet' to cast off, and go in pursuit of the 'Selma.' Capt. Jouett was after her in a moment, and in an hour's time he had her as a prize. She was commanded by P. V. Murphy, formerly of the United States Navy.

"Lieut.-Commander Jouett's conduct during the whole affair commands my warmest commendations. The 'Morgan' and 'Gaines' succeeded in escaping under the protection of the guns of Fort Morgan, which would have been prevented had the other gunboats been as prompt in their movements as the 'Metacomet.'

"Our little consort, the 'Metacomet,' was also under my immediate eye during the whole action up to the moment I ordered her to cast off in pursuit of the 'Selma.' The coolness and promptness of Lieut.-Commander Jouett throughout merit high praise; his whole conduct was worthy of his reputation."

In reply to the request contained in the committee's letter, I have to state that after a careful examination of the records of the Department relating to the services of Rear-Admiral Jouett during the late war, and especially of those relating to his capture of the privateer schooner "Royal Yacht" off Galveston, Tex., and the declarations contained in the reports of the commanding officer of the "Santee," the vessel to which he was then attached, and of Flag-Officer McKean, commanding the Gulf Blockading Squadron, to which that vessel belonged, expressing their appreciation of the gallantry displayed by Rear-Admiral Jouett in the capture of the "Royal Yacht," and of those relating to his conduct in the battle of Mobile Bay and in the capture of the Confederate gunboat "Selma," as contained in the report of Admiral Farragut, in which he recognizes with high praise the coolness and promptness of the conduct of Rear-Admiral Jouett during the battle and the operations in Mobile Bay, the case of Rear-Admiral Jouett appears to be an exceptional one, meriting the favorable consideration of Congress.

Very respectfully, B. F. TRACY, *Secretary of the Navy.*

HON. HILLARY A. HERBERT,
Chairman, Committee on Naval Affairs, House of Representatives.

[PUBLIC.—No. 138.]

An act in relation to the pay of Rear-Admiral James E. Jouett, retired.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That Rear-Admiral James E.

Jouett, of the United States Navy, retired, be paid, out of any money in the Treasury not otherwise appropriated, the highest pay and compensation of his grade as a Rear-Admiral, from and after the date of the passage of this act.

Approved, March 3, 1893.

Lewis A. Kimberly.—Born in Troy, New York, April 2, 1830. Appointed from Illinois, December 8, 1846 as *Midshipman*, sloop "Jamestown," coast of Africa, 1847–50; frigate "Raritan," Pacific Station, 1851–2; promoted *Passed Midshipman*, June 8, 1852; served on sloop "Decatur," North Atlantic Station, from 1852 to 1855; promoted *Master* and *Lieutenant*, September 15 and 16, 1855, and served on sloop "Dale," African Station, 1855–56; receiving-ship "Ohio," 1856–57; sloop "Germantown," Asiatic Station; store-ship "Release," and flag-ship, "Richmond," European Station, 1858–60; frigate, "Potomac," West Gulf Squadron, 1861–62. Commissioned *Lieutenant-Commander*, July 16, 1862. During the greater part of the war of the Rebellion, served as the Executive Officer of the "Hartford" (Admiral Farragut's Flag-Ship), and participated in the actions of Port Hudson, Grand Gulf, Warrington, and Mobile Bay, and previously on the frigate "Potomac," in blockading Mississippi Sound, Mobile Bay and Pensacola; steam frigate "Colorado," flag-ship, European Station, 1865–6. Commissioned as *Commander*, July 25, 1866, receiving-ship "Vermont," 1867–70; commanding "Benicia," Asiatic Station, 1870–72; commanding United States Monitor "Canonicus," North Atlantic Station, 1873, and "Monongahela," South Atlantic Station, 1873–4. Commissioned *Captain*, October 3, 1874; commanding flag-ship "Omaha," Pacific Station, 1875–8; Commandant of Navy Yard, New York, 1880–3; member and President of Examining and Retiring Board, 1884–5; promoted to *Commodore*, November 27, 1884; commandant Navy Yard, Boston, 1885–6; promoted to *Rear-Admiral*, September 4, 1887; commanding Pacific Station from 1887 to 1890; president Board of Inspection and Survey, March, 1890 to date of retirement, April 2, 1892.

Admiral Kimberly was in the expedition to Corea. Commanded that portion of the force that landed and captured the forts, and while Commander-in-chief of the Pacific Station, was in the great hurricane of the 15th and 16th of March, 1889, when the "Trenton" and "Vandalia" were wrecked, the "Nipsic" beached and afterwards saved at Apia, Samoa. Was elected perpetual Honorary Member of the Chamber of Commerce, San Francisco; received Resolution of Thanks from the Commonwealth of Massachusetts; received Resolutions from the most prominent citizens and officials at Honolulu, Hawaii, in regard to the conduct of affairs at Samoa before, at the time, and after the great hurricane; also a commendatory letter from the Secretary of the Navy regarding the conduct of affairs at that time.

Daniel L. Braine.—Born in New York. Appointed *Midshipman* from Texas, May 30, 1846; Home Squadron during Mexican War; at Alvarado, Tobasco, Tuspan, Laguna, Tampico, and Vera Cruz; sloop "John Adams," Home Squadron, 1848; sloop "St. Mary's," East India Squadron, 1849–50; steam-sloop "Saranac," Home Squadron, 1850–1; Naval Academy, 1852. Promoted to *Passed Midshipman*, June 8, 1852; sloop "St. Louis," Mediterranean Squadron, 1853–5. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 15, 1858; Coast Survey, 1856–7; sloop "Vincennes," coast of Africa, 1858–60; commanding steamer "Monticello," North Atlantic Blockading Squadron, 1861–2; engagement with rebel battery of

five guns at Sewell's Point, Virginia, May 19, 1861, lasting one hour and fifteen minutes, being the first naval engagement of the war; attack and capture of Forts Hatteras and Clarke, October 5, 1861; engaged the enemy at Kimmekerk Woods, above Cape Hatteras, exchanged shots with their gunboats, and dispersed with effect two regiments of infantry, sinking two barges, and rescuing the Twentieth Indiana Regiment, who were surrounded by rebels; in November, 1861, engaged and silenced a two-gun battery at Federal Point, North Carolina, and dismounted one of the guns. Commissioned as *Lieutenant-Commander*, July 15, 1862; in 1862–4, numerous engagements with Forts Caswell and Fisher; while on blockading duty in command of "Monticello," "Vicksburg," and "Pequot;" commanded the "Pequot" in the attacks upon Fort Fisher, and also in the attacks upon Fort Anderson, and three forts on Cape Fear River, as the fleet advanced up that river to Wilmington, North Carolina; ordnance duty, Navy Yard, New York, 1866–7. Commissioned as *Commander*, July 25, 1866; commanding steam-sloop "Hartford," flag-ship Asiatic Squadron, 1867; commanding steamer "Shamokin," Brazil Squadron, during 1868; equipment duty, Navy Yard, New York, 1869–72; commanding "Juniata" (third-rate), European Station, 1874–5. Commissioned as *Captain*, December 11, 1874; commanding receiving-ship, "Colorado," 1875–78; commanding "Powhatan," North Atlantic Station, 1879–81; Member Board of Inspection and Survey, 1884–5. Promoted to *Commodore*, March, 1885; special duty, New York, 1885. Promoted to *Rear-Admiral*, March, 1885; commanding South Atlantic Station, 1886–8; special duty, New York, 1889; commanding Navy Yard, New York, 1889, to May, 1891; retired May 18, 1891. While Commander Braine was on the "Juniata," he went north to look for the "Polaris," and from this ship Lieutenant DeLong went to Cape York (latitude 76° north) in the steam cutter.

During the same commission, the "Juniata" received at Santiago de Cuba over one hundred of the "Virginius'" prisoners.

Retired upon his own application, and, by special act of Congress, with full pay.

John Lorimer Worden.—Born in the town of Sing Sing, Westchester County, N. Y. Appointed a *Midshipman* in the Navy, from Fishkill, Dutchess County, N. Y., January 10, 1834; ordered to sloop-of-war "Erie," June 20, 1834, and served in her on the Brazil Station until September 20, 1837; served in sloop-of-war "Cyane" in the Mediterranean Squadron, from May 7th, 1838, until December 2, 1839; served in Naval School at Philadelphia, Pa., from December 23, 1839, until the 20th of July, 1840. Promoted to *Passed Midshipman* on the 16th of July, 1840; served on board store-ship "Relief" in the Pacific Squadron, from October 13, 1840, until September 6, 1842; transferred to the sloop-of-war "Dale," and detached from her on the 23d of October, at New York, 1843; on duty at the Naval Observatory in Washington, D. C., from April 7, 1844, until May 28, 1846. Promoted to *Master*, August 13, 1846, and on the 30th of November, 1846, promoted to *Lieutenant*. Served on board store-ship "Southampton," in the Pacific Squadron, from the 5th of February, 1847, until May, 1848, when he was transferred to the "Independence," on same station; was again transferred on July 13, 1848, to the "Warren," of same squadron; on the 12th of September, 1849, was ordered to the line-of-battleship "Ohio," on same station, and detached from her at Boston, April 29, 1850; on duty at Naval Observatory from October, 1850, until March 15, 1852; served on board the frigate "Cumberland," in the Mediterranean Squadron, from April, 1852, until 15th of February, 1855, when he was transferred to the sloop-of-war

"Levant," and detached from her in New York in May, 1855; on duty at the Naval Observatory, from October 24, 1855, until March, 1856; on duty at Navy Yard, New York, from March, 1856, until July 1, 1858; served on board frigate "Savannah" (as First Lieutenant), in the Home Squadron, from July 1, 1858, until November 20, 1860. On the 6th of April, 1861, reported at Washington under orders "for special duty connected with the discipline and efficiency of the Naval Service," but, finding that ships were being rapidly fitted for service, in consequence of the secession movements, asked to be relieved from that duty and applied for service afloat. Next day (7th), at daylight, was sent to Pensacola with dispatches for the commanding officer of the squadron off that port (orders to reinforce Fort Pickens), and reached there about 11.30 o'clock, P. M., April 10th. A heavy gale blowing on the 11th, could not communicate with the squadron. The next day (the 12th) was enabled to reach it, and deliver dispatches about noon. At 3 o'clock P. M., of same day, left the squadron, with orders to return to Washington by rail. Took the cars at 9 P. M. for Montgomery, Alabama, and on the next day (13th), at about 4 o'clock P. M., was arrested at the first railroad station south of Montgomery, to which place he was conveyed, and there detained as a prisoner of war until November 14, 1861, when he was paroled and ordered to report to the Secretary of War at Richmond, Va. Arrived at latter place on November 16, and left there next day (17th), by order of the Secretary of War, to report to General Huger at Norfolk, Va., who, on the next day (18th), sent him under flag of truce to Hampton Roads and delivered him to Admiral Goldsborough, who, in accordance with arrangements, sent back Lieutenant Sharpe, a Confederate prisoner, whose delivery to General Huger ended Lieutenant Worden's parole. Was at Naval Rendezvous at New York, from about November 20, 1861, until the 16th of January, 1862, when he was ordered to the command of the "Monitor," and remained in her until his removal on account of the injuries received in the encounter with the "Merrimac," on the 9th of March, 1862. Promoted to *Commander*, July 16, 1862. Was on duty at New York as assistant to Admiral Gregory in superintending the construction of iron-clads, from August 14, 1862, to October 8, 1862. Commanded iron-clad "Montauk" from October 8, 1862, until April 16, 1863, in the South Atlantic Squadron. In her attacked Fort McAllister, on the Ogeechee River, on January 27 and February 1, 1863, and on the 28th of February destroyed the Confederate privateer "Nashville" under the guns of that fort. Participated in the attack made by the iron-clad fleet, under command of Admiral Dupont, upon the defences of Charleston, S. C., on the 7th of April, 1863. Promoted to *Captain*, February 3, 1863.

JOINT RESOLUTIONS OF CONGRESS.

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled:

That the thanks of Congress and of the American people are due and are hereby tendered to Lieutenant John L. Worden, U. S. N., and to the officers and men of the iron-clad gun-boat "Monitor" under his command, for the skill and gallantry exhibited by them in the late remarkable battle between the "Monitor" and the rebel iron-clad steamer "Merrimac."

"SEC. 2." *Be it further*—

Resolved, That the President of the United States be requested to cause this resolution to be communicated to Lieutenant Worden, and through him to the officers and men under his command.

Approved July 11, 1862.

Later, in 1862, Congress, by recommendation of the President, passed another vote of thanks and authorized his promotion.

A RESOLUTION

Tendering the thanks of Congress to Commander John L. Worden, of the United States Navy, was passed at the Thirty-seventh Congress of the United States of America, at the third session, begun and held at the City of Washington, on Monday, the first day of December, one thousand eight hundred and sixty-two.

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, *That*, in pursuance of the recommendation of the President of the United States, and to enable him to advance Commander John L. Worden one grade, in pursuance of the Ninth Section of the Act of Congress of Sixteenth of July, eighteen hundred and sixty-two, that the thanks of Congress be, and they are hereby tendered to Commander Wm. L. Worden, for highly distinguished conduct in the remarkable battle between the United States iron-clad steamer "Monitor," under his command, and the rebel iron-clad frigate "Merrimac," in March, eighteen hundred and sixty-two.

SCHUYLER COLFAX,
Speaker of the House of Representatives.
DANIEL CLARK,
President pro tem of the Senate.

Approved, February 3d, 1863.
ABRAHAM LINCOLN.

THANKS FROM THE NAVY DEPARTMENT.

NAVY DEPARTMENT, *March 15, 1862.*

SIR,—The naval action which took place on the 9th inst., between the "Monitor" and the "Merrimac" at Hampton Roads, when your vessel with two guns engaged a powerful armored steamer of at least eight guns, and after a four-hours' conflict repelled her formidable antagonist, has excited general admiration and received the applause of the whole country.

The President directs me, while earnestly and deeply sympathizing with you in the injuries which you have sustained, but which it is believed are but temporary, to thank you and your command for the heroism you have displayed and the great service you have rendered.

The action of the 9th, and the performance, power, and capabilities of the "Monitor," must effect a radical change in naval warfare.

Flag-Officer Goldsborough, in your absence, will be furnished by the Department with a copy of this letter of thanks, and instructed to cause it to be read to the officers and crew of the "Monitor."

I am, respectfully, your obedient servant,
GIDEON WELLES.

Lieutenant John L. Worden, U. S. N.,
Commanding U. S. steamer "Monitor," Washington, D. C.

On duty with Admiral Gregory in superintending the construction of iron-clads, from April 23, 1863, until February 2, 1866. Commanded steamer "Idaho" from February 1, 1866, until May 23, 1866, on "trial and experimental trips." On iron-clad duty from June 2, 1866, until August 6, 1866. In command of the steamer "Pensacola," in the Pacific Squadron, from the 6th of August, 1866, until May 8, 1867. Promoted to the grade of *Commodore*, May 27, 1868. Ordered to Naval Academy, as Superintendent, December 1, 1869, and detached from it September 22, 1874. Promoted to

grade of *Rear-Admiral*, November 20, 1872. December 24, 1874, ordered to command the squadron on the European Station; detached from that command, October 5, 1877. On duty as a member of the Naval Retiring and Examining Boards, from December 29, 1877, to December 23, 1886, when he was placed upon the retired list.

Retired on their own application, after forty years' or more consecutive service, in conformity with Section 21 of the Act of August 3, 1861.

Henry Walke.—Born in Virginia, Princess Anne County, on Lyn Haven River, December 24, 1808. Appointed to *Midshipman* from Ohio, February 1, 1827; attached to receiving-ship "Alert," Norfolk, March 27, 1827, under Lieutenant Farragut; attached to "Natchez," West Indies, July, 1827; was in that ship in the hurricane off the south side of Cuba when all her light spars were carried away, and her new sails were blown into such ribbons and knots that they were exhibited in the Public Museum, Baltimore; "Ontario," Mediterranean Station, February 8, 1829; in that ship off Western Islands when she was nearly "knocked down on her beam ends," and when the Captain, Thomas H. Stevens, and the officers called and beckoned for volunteers to go aloft and furl the main-top sail, which was holding the ship down (nothing could be heard above the roaring storm and flapping sail, and but little to be seen in the flying spray); Midshipman Walke was the only officer, with seven or eight men, who went aloft immediately and furled the sail, which, no doubt, saved the ship, as then stated by the late Admiral Charles H. Davis, J. A. Dahlgren, as related in the biography of the latter, and by Mr. Lee, Consul-General at Algiers, whose report of the hurricane was soon after published; frigate "Constellation," June 5, 1829; detached, November 16, 1831; Naval School at Norfolk, 1831–3. Promoted *Passed Midshipman*, June 10, 1833; "North Carolina," Pacific Station, November, 1836, to July, 1839; same ship in New York until October 5, 1840; "Boston," East Indies and around the world to August 8, 1843; brig "Bainbridge," Brazil, May 18, 1844, to September 17, 1845; bomb brig "Vesuvius," West Indies, 1847; present at the surrender of Vera Cruz, Tabasco, Tuspan, and Alvarado; transferred to frigate "Mississippi;" frigate "Cumberland," Mediterranean Squadron, 1849–51. Promoted to *Commander*, September 14, 1855; commanded the "Supply," coast of Africa, 1858–9, and in the West Indies, 1859–60. In the beginning of the Rebellion Commander Walke rendered most important service in preventing the capture of Fort Pickens by the Confederates, which enabled our forces ultimately to recapture the Navy Yard, Forts Barrancas and McCrea, and Pensacola, with all that section of the State of Florida which borders on those extensive inland bays. He also rescued all our loyal officers, sailors, marines, and government employés from want and imprisonment on his own responsibility. The result of his action in this crisis virtually secured the State of Florida to the Union, thereby preventing the British Government from acknowledging the independence of all the Southern States, and perhaps a war with England. This service was performed under extraordinary difficulties and unusual circumstances, which compelled him to act contrary to the orders of the commodores on that station and the Secretary of the Navy; this conduct, although highly approved by all fair-minded officers, was censured by the Secretary of the Navy. The late Board of Rear-Admirals reported that it was especially struck with this highly creditable and meritorious conduct, and that it had a marked and important bearing on the success of our arms. Commander Walke was the

senior naval officer present when this service was performed. Steamer "Mount Vernon," May 14, 1861; ordered as light-house inspector of the Eleventh District, September 6, 1861, but orders changed to Mississippi Flotilla, September 6, 1861; commanded gunboat "Taylor," September 12, 1861, at Cairo, Ill.; commanded gunboats at the battle of Belmont, November 7, 1861, and protected the army under General Grant, and prevented the Confederate army from cutting off a portion of our troops on their retreat to the transports, for which he was highly commended in the general's report of the battle; commanded gunboat "Carondelet," thirteen guns, partly iron-clad, at the battle of Fort Henry, February 6, 1862—the first decisive victory over the enemy's fortifications in the Western waters, for which Flag-Officer Foote and all his officers received the thanks of the Secretary of the Navy, of Congress, and of the State of Ohio; commanded the "Carondelet" at the battle of Fort Donelson, on the 13th, 14th, and 16th of February, 1862; commenced the battle alone on the 13th, and on the 14th held his position in the front line of battle in the general engagement, being the last to retire; the "Carondelet" was thrice as long under fire as any other gunboat in this battle of two days, and her loss in officers and men greatly exceeded that of all the rest of the flotilla; commanded the "Carondelet" at the bombardment of Island No. 10, March 17, 1862, and voluntarily ran the gauntlet of the enemy's batteries—April 4, 1862—with the "Carondelet" alone, being the first example of successfully passing the enemy's batteries and attacking them in the rear on the Mississippi, and finally captured the enemy's batteries below the island on the 6th and 7th (with but little assistance), without which no further attempt would have been made to capture or pass that island by our army and navy. This action was then considered the most important victory and meritorious achievement of the war, as it broke the blockade of the enemy's line of fortifications without the loss of a man on our side. The Secretary of the Navy, referring to it, wrote, "It was a daring and heroic act, well executed and deserving a special recognition. These fearless acts dismayed the enemy, and eventuated in the surrender to yourself of Island No. 10;" and that "a nation's thanks were due," etc. These statements of the Secretary of the Navy were approved and endorsed by Flag-Officer Foote. May 11, 1862, Commander Walke led our fleet at the battle of Fort Pillow; with the first division of the flotilla attacked the enemy and rescued the gunboat "Cincinnati," the "Carondelet" being the first, or one of the first, in, and the last out of the battle, and much longer under fire at close quarters than the rest of the fleet, and she remained alone in possession of the battle-field. In the battle of Memphis, June 6, 1862, the "Carondelet," under his command, was second in the line of battle with the flag-steamer when the fleet captured that of the enemy (except one gunboat, and two which were sunk), with several of their largest steamers, also the navy yard and all their public property, with the city of Memphis. The "Carondelet," still under his command, was the principal gunboat that engaged the famous Confederate ram "Arkansas," which was greatly her superior in size and strength, and after a well-contested battle the latter relinquished the contest, with the loss in killed and wounded greatly exceeding that of the "Carondelet." The flag of the "Carondelet" was never struck in this or any other battle. Commissioned as a *Captain*, July 16, 1862; commanded the ram "Lafayette" (partly clad with one-inch iron); passed the batteries at Vicksburg, April 16, 1863, with the Mississippi Flotilla, under Rear-Admiral Porter. At the battle of Grand Gulf, April 29, 1863, he led

the second division of our fleet, which, with the first, nearly silenced all the enemy's batteries at close quarters, being under fire more than five hours, when the fleet was withdrawn, and he was ordered back to silence the main fort, on the Point of Rocks, with the "Lafayette" alone, which he did in about twenty-five minutes. Having passed these forts three times under close fire, and having made the last attack upon them alone the day before they were evacuated, the "Lafayette" was under fire with that formidable chain of heavy batteries, eight or nine hours, and much longer than the rest of the fleet, without the loss of any of her officers or crew, and but one officer slightly wounded, this being the seventh desperate and victorious battle, in which there were but one killed and two wounded under the command of Captain Walke, whose vessels were always as much and generally more exposed to the enemy's guns, and as frequently struck by their shot and shell at close quarters as any gunboat of the flotilla. It is a remarkable fact that Rear-Admiral Walke, when a commander and captain, U. S. Navy, and in command of the gunboats "Taylor," "Carondelet," and "Lafayette," was engaged in the above-mentioned battles, twice as many as any other officer in the squadron, and that his gunboat was the leading or next to the leading gunboat in all of those battles at Fort Henry, Fort Donelson, Island No. 10, Fort Pillow, Yazoo, and Grand Gulf, and longer engaged in close action, and the last out of battle, and his gunboats were constantly on guard in gunshot of the enemy, even when under needed repairs. Although Captain Walke received the thanks and applause of those who witnessed the above facts, chiefly Flag-Officer Foote, Davies, Porter, Generals Grant and Pope, and the Secretary of the Navy, Commodore Walke could not obtain the reward promised and provided for such service by law of Congress, and was granted to other officers for similar services, because of the opposition of his insatiable rivals, who were not "deserving the special recognition" or the thanks of the Navy Department, as stated in Secretary's Report of 1862, page 502. And it is worthy of record that his officers and crew were always required to "remember to keep holy the Sabbath-day," according to our naval regulations. He dispersed the Confederates under General Taylor at Simmsport, La.; blockaded the mouth of the Red River, June 4, 1863; ordered to the command of the steamer "Fort Jackson," July 24, 1863. Captain Walke was the leader and one of the principal actors in all the above-mentioned actions, and for one or two of these Rear-Admirals Foote, Davis, and Porter were thanked and promoted. September 24, 1863, to August 22, 1865, he commanded the "Sacramento" on special service in search of the "Alabama," and was close on her track when she was sunk by the "Kearsarge." He blockaded the Confederate steamer "Rappahannock" at Calais, France, until the end of the war, and intercepted her when she escaped into British waters under British colors. Commissioned as *Commodore*, July 25, 1866; commanded the Naval Station at Mound City, Ill., May 1, 1868, to November, 1869. Promoted to *Rear-Admiral*, July 13, 1870. Retired voluntarily, April 26, 1871; member Light-House Board, 1871–2.

Daniel Ammen.—Born in Ohio, May 15, 1820. Appointed *Midshipman*, July 7, 1836; attached to the Exploring Expedition, 1837–8; sloops "Levant" and "Vandalia," in the West Indies, 1838–9; sloop "Preble," on the coast of Labrador and in the Mediterranean, 1840–1; returned to the United States on board ship-of-the-line "Ohio," 1841, and to Naval School; passed examination, June, 1842, and received warrant of *Passed Midshipman;* store-ship "Lexington, as navigator, 1843–4, to the Mediterranean; sloop "Vincennes," as navigator, East India Squadron, 1845–7; coast survey,

1848–9. Commissioned as *Lieutenant*, November 4, 1849; frigate "St. Lawrence," Mediterranean Squadron, 1850; coast survey, 1851; attached to a commission for selecting a naval station in the Bay of San Francisco, Cal., 1852; scientific expedition of steamer "Water Witch," Paraguay River, 1853–4; brig "Bainbridge," Brazil Squadron, 1854–5; Naval Observatory, Washington, 1856–7; steam-sloop "Saranac," Pacific Squadron, 1858; steam-frigate "Merrimac," Pacific Squadron, 1859–60; steam-frigate "Roanoke," as executive-officer, North Atlantic Blockading Squadron, 1861; commanding "Seneca," South Atlantic Blockading Squadron, 1861–2, at battle of Port Royal, November 7, 1861; the day following hoisted our flag over Fort Beauregard and made formal delivery to the army, by order of Rear-Admiral Du Pont; Tybee Island, December, 1861; commanded forces entering by way of Whale Branch in attack on Port Royal Ferry, January 1, 1862; engaged in the operations against Fernandina through St. Andrew's Sound and in St. John's River. Promoted to *Commander*, February 21, 1863; commanding monitor "Patapsco," South Atlantic Blockading Squadron, against Fort McAllister, March, 1863, and in the attack on Fort Sumter, April 7, 1863; had charge of a draft of 220 seamen on board of the California passenger steamer "Ocean Queen," May, 1864, bound to Aspinwall; two days after leaving New York suppressed an open and organized mutiny, with the assistance of Boatswain Thomas G. Bell, who was the only aid assigned, receiving in doing so the excellent co-operation of Captain Tinklepaugh,—who commanded the "Ocean Queen,"—his officers, and several of the passengers; commanding steam-sloop "Mohican," North Atlantic Blockading Squadron, 1864–5; in the bombardment of Fort Fisher, December, 1864, and again when it was carried by assault by the army, January, 1865; commanding iron-clad "Miantonomah," special service, 1866. Commissioned as *Captain*, July 25, 1866; special duty, Hartford, Connecticut, 1866–7; commanding flag-ship "Piscataqua," Asiatic Squadron, 1867–8; Chief of Bureau of Yards and Docks, 1869–71. Commissioned as *Commodore*, 1872; Chief of Bureau of Navigation, 1871–8. Commissioned as *Rear-Admiral*, 1887; retired at his own request, 1878; July, 1878, appointed chairman of a board for the re-location of the Naval Observatory; April, 1879, ordered to attend the convocation at Paris, France, known as the Inter-oceanic Ship-Canal Congress; had constructed on his design a cask "balsa," or life-boat, which is now at the Navy Yard, Portsmouth, N. H., at which place are built life-boats on this design for all of our vessels of war; total sea-service 21 years and 1 month; other duty, 17 years and 3 months. In 1881 a Naval Advisory Board recommended the building of five marine rams of 2000 tons displacement on plans and specifications laid before the Board by him. One is built and nearly ready for trial at Bath, Maine.

John M. B. Clitz.—Born in New York, March 10, 1823. Appointed from Michigan, April 12, 1837; attached to sloop "Ontario," West India Squadron, 1838–42; Naval School, Philadelphia, 1843. Promoted to *Passed Midshipman*, June 29, 1843; sloop "St. Mary's," Mediterranean Squadron, 1844–5; sloop "Falmouth," Home Squadron, 1845–6; bomb-brig "Hecla," Home Squadron, 1847; capitulation of castle of San Juan d'Ulloa and capture of Tuspan; steamer "Petrita," Home Squadron, 1847–48; frigate "Cumberland," Mediterranean Squadron, 1849–51. Commissioned as *Lieutenant*, April 6, 1851; Coast Survey, 1851–2; steam frigate "Mississippi," East India Squadron, 1852–5; special duty, Washington, 1856; sloop "Decatur," Pacific Squadron, 1858–59; steam sloop "Iroquois," 1861. Commissioned as *Commander*, July 16, 1862; commanding steamer "Penobscot,"

North Atlantic Blockading Squadron, 1863; commanding steam sloop "Juniata," East Gulf Blockading Squadron, 1863; commanding steamer "Osceola," North Atlantic Blockading Squadron, 1864–5; at both attacks on Fort Fisher; Navy Yard, Boston, 1866. Commissioned as *Captain*, July 25, 1866; commanding steam sloop "Pawnee," South Atlantic Squadron, 1868–9; ordnance duty, Navy Yard, New York, 1870; commanding "California" (second-rate), Pacific Fleet, 1870–2. Commissioned as *Commodore*, December 28, 1872; commanding Naval Station, Port Royal, S. C., 1876–7; Light-House Inspector, 1878–80. Promoted to *Rear-Admiral*, March, 1880; commanding Asiatic Station, 1881–3. Retired on his own application, October, 1883.

Donald MacNeill Fairfax.—Born in Virginia, March 10, 1821. Appointed *Midshipman* from North Carolina, August 12, 1837; attached to the "Hudson" receiving and school-ship at New York three months; December, 1837, ordered to the "John Adams," consort to the flag-ship "Columbia," Commodore George C. Read, East Indies, and around the world, 1838–40; 1839, en route from British India to China, destroyed several piratical villages on the West Coast of Sumatra, for outrages committed upon our trading vessels in those seas; took part in the same; 1840–1, attached to the "North Carolina," receiving and school-ship at New York; May, 1841–2, "Fairfield," Mediterranean; returned in "Brandywine," July, 1842; joined class studying at Naval School, Philadelphia, September, 1842. Promoted to *Passed Midshipman*, June 29, 1843; ordered to "Missouri," Caleb Cushing on board, bound to China, *via* Suez; at Gibraltar, in September, 1843, "Missouri" was destroyed by fire; returned to Boston in a chartered vessel; winter of 1843–4, attached to Naval Observatory; February, 1844, occurred the accident on board "Princeton,"—the bursting of Stockton's "peacemaker,"—was present on that sad occasion; June, 1844, ordered to "Gallatin," Coast Survey; March, 1845, attached to "Porpoise" four months; transferred to "Columbus," "Vincennes" in company, July of same year; sailed the second time on a voyage around the world,—Alexander Everett, Minister to China, on board,—ill-health preventing his going farther than Rio de Janeiro. Commodore James Biddle, on reaching Canton, January, 1846, ratified the "Cushing treaty;" touched at Japan on the way to the Sandwich Islands and Valparaiso. Commodore Biddle presented letters to the Emperor from the President of the United States, proposing commercial relations with that country, which were courteously declined; at the same time offering to supply our ships with all necessary provisions. On reaching the Pacific Coast learned of the war with Mexico; at Monterey appointed *Acting Master* of the "Erie;" transferred in same position to the "Cyane,"—Commander Dupont,—and remained out on the California Station till the close of the war; took part in the capture of Mazatlan and Lower California,—Commodore Shubrick; returned to Norfolk in September, 1849; attached to the Naval Rendezvous, New York, 1849–50; "Congress" flag-ship, Commodore McKeever, Brazil Squadron, 1850–3; on the way out to Rio stopped at Havana, and effected the release of the filibuster Colonel Crittenden and his command, sending them to Pensacola in vessels of the Home Squadron. Warranted as *Master* in the line of promotion, August 4, 1850. Commissioned as *Lieutenant*, February 26, 1851; 1854, attached to the Navy Yard, Washington, four months; 1854–5, on duty at Navy Department, connected with the Chili astronomical observations, under Commander James H. Gillis; 1855, ordered to "Potomac" flag-ship, Commodore Paulding, Home Squadron; the last eighteen months of her commission was Executive-Officer; transferred to

"Wabash" flag-ship, expiration of cruise, September, 1858; in the summer of 1857 President Pierce joined at Portsmouth, N. H., taking a trip along the coast to Annapolis of about a week; 1858, landed under Captain Engle at Greytown, and caused the surrender of the filibuster Walker and his command, making his second attempt to conquer Nicaragua; 1858–9, ordnance duty, Navy Yard, New York; 1859, "Mystic," transferred on arrival on the West Coast of Africa to the "Constellation," as Executive-Officer; 1860–1, in the same position, "San Jacinto;" returning through the West Indies and Cuba, the boarding of the British mail packet "Trent," and the taking therefrom Mason and Slidell, and their secretaries, Eustis and McFarland, was directed in person by Lieutenant Fairfax, a most delicate and important event of the war; 1861–2, in charge of ordnance at Philadelphia; May, 1862, ordered to command "Cayuga," reporting to Admiral Farragut off New Orleans; in command of the naval force above that point as far as Port Hudson, co-operating with the army at Donaldsonville, occasionally skirmishing with the enemy along the river. Commissioned as *Commander*, July 16, 1862; in sight of the "Arkansas," above Baton Rouge, when her commander, finding her helpless, set her on fire and abandoned her. January, 1863, ordered North to command the monitor "Nantucket," just built at South Boston; reported to Admiral Dupont at Port Royal in the latter part of March; in the attack of the outer forts of Charleston, April 7th; transferred to the "Montauk;" participated in all the principal operations before Charleston, until August 25th, when ordered North; and in September appointed Commandant of Midshipmen at the Naval Academy, Newport, R. I.; commanded the Practice Squadron each summer, 1864–5; directed the transfer of ships and material back to Annapolis, and handed over the command to Admiral Porter; detached on application, and soon after appointed to command the "Rhode Island," temporary flag-vessel of Rear-Admiral James Palmer, Home Squadron, 1865–6. Commissioned as *Captain*, July 25, 1866; transferred to the "Susquehanna," flag-ship; December, 1867, Admiral Palmer died at St. Thomas, and the vessel returned to New York, and in February, 1868, went out of commission; 1868–9, Ordnance Officer at Boston; transfered to Navy Yard, Kittery, Me., as Executive Officer, 1870–2; January, 1870, served on Admiral Farragut's staff, when the remains of Mr. George Peabody were landed from the British iron-clad "Monarch," at Portland, and subsequently placed in the family vault at Danvers. Commissioned as *Commodore*, August 24, 1873; commanded Naval Station New London, 1873–8; twice President of Courts during Centennial year at Philadelphia; 1878–9, Member of Examining and Retiring Board; 1879–81, Governor of Naval Asylum. Commissioned as *Rear-Admiral*, July 11, 1880,; in 1881 detailed to command the European Squadron; declined, and on application placed on the retired list, September 30, 1881. Total sea service, twenty years and four months; shore duty, fifteen years.

John C. Febiger.—Born in Pennsylvania. Appointed from Ohio, September 14, 1838; attached to frigate "Macedonian," West India Squadron, 1838–40; sloop "Concord," Brazil Squadron, 1841–3; wrecked in "Concord" on east coast of Africa, 1843; attached to brig "Chippola," purchased by government at Rio de Janeiro, and used to recover and dispose of equipment of "Concord," 1843–4. Promoted to *Passed Midshipman*, May 20, 1844; frigate "Potomac," Home Squadron, 1844–5; sloop "Dale," Pacific Squadron, 1846–7; frigate "Columbus," Pacific Squadron, 1848; sloop "Dale," African Squadron, 1850; coast survey, 1852–7. Commissioned as *Lieutenant*, April 30, 1853; sloop "Germantown," East India

Squadron, 1858–60; sloop "Savannah," 1861. Commissioned as *Commander*, August 11, 1862; commanding the steamer "Kanawha," West Gulf Blockading Squadron, 1862–3; engagement off Mobile Bay, April 3, 1862; commanding steamers "Osage," "Neosho," and "Lafayette," Mississippi Squadron, 1863; commanding steamer "Mattabeset," North Atlantic Blockading Squadron, 1864–5; engagement with rebel ram "Albemarle" in Albemarle Sound, May, 1864; commanding steamer "Ashuelot," Asiatic Squadron, 1866–8. Commissioned as *Captain* May 6, 1868; commanding steam sloop "Shenandoah," Asiatic Squadron, 1868–9. While commanding the "Shenandoah," entered and surveyed Ping-Yang Inlet, west coast of Corea. Inspector of Naval Reserve Lands, from 1869–72; commanding U. S. steamer "Omaha," South Pacific Squadron, 1872–4; member Board of Examiners, 1874–6; Commandant Navy Yard, Washington, D. C., 1876 to August, 1880; special duty, Washington, August, 1880, to March, 1881; March 8, member Retiring Board, 1881–2. Promoted to *Rear-Admiral*, February 4, 1882. Retired on his own application, July 1, 1882.

Pierce Crosby.—Born in Delaware County, Pa. Appointed *Midshipman* from Pennsylvania, June 5, 1838; attached to line-of-battle-ship "Ohio," from 1838 until the summer of 1841, while flag-ship in the Mediterranean; attached to receiving-vessel "Experiment," at Philadelphia; afterwards attached to steamer "Mississippi," on her trial-trip with the "Missouri," from New York to Washington. In 1842, was attached to the frigate "Congress," and sailed with her from Portsmouth, N. H., to the Mediterranean; served in her six months; was then transferred to the sloop "Preble," and returned to the United States in the fall of 1843, and was then attached to the Naval School at Philadelphia. Promoted to *Passed Midshipman*, May, 1844; Coast Survey from summer of 1844 to summer of 1846, when he was ordered to the sloop "Decatur," and served in her six months in the Gulf of Mexico, during the Mexican War; participated in the attack and capture of Tuspan and Tobasco. Was then transferred to the gunboat "Petrel," and served in her one year, until peace was declared in the summer of 1848; afterward was attached to the store-ship "Relief," in 1849, carrying supplies to the Mediterranean and Coast of Africa Squadron, until the summer of 1850; attached to Philadelphia Navy Yard from fall of 1850 to 1852 inclusive, and then transferred to receiving-ship stationed at Philadelphia, until spring of 1853; attached to the frigate "Sacramento," then fitting for sea at Norfolk; was soon detached from her and placed on waiting orders. Commissioned as *Lieutenant*, September 3, 1853; in the winter of 1853 was ordered to sloop "Germantown," and sailed in her in the spring of 1854, from Boston to the coast of Brazil, and returned to the United States in February, 1857; attached to receiving-ship at Philadelphia, until the latter part of 1858; sailed in the sloop "Saratoga," in the fall of 1858, for the Gulf of Mexico, and with the exception of forty days on board the "Brooklyn," under Captain (afterward Admiral) Farragut, served two years, and returned to the United States in the "Saratoga," in 1860; attached to the receiving-ship at Philadelphia, from 1860 to spring of 1861; in the spring and summer of 1861, served in Chesapeake Bay, keeping open communication between Annapolis and Havre de Grace, capturing and destroying rebel vessels in the bay, and cutting off rebel supplies and communications. In the summer of 1861, received orders, and was attached to the frigate "Cumberland;" was detailed for duty on shore at Fortress Monroe; transported the troops across Hampton Creek, on the night prior to the battle of Big Bethel, also transported them on their return after their unsuccessful attempt to take that place.

Volunteered and took the steamer "Fannie" (a canal-boat), secured her boilers temporarily down to the deck with chains, and proceeded with her, in company with the squadron, to the attack on Forts Hatteras and Clarke, in order to have a light-draft vessel to operate in landing troops at that place; superintended the landing of troops, until the heavy surf swamped and broke up the boats and dashed them on the beach, when Lieutenant Crosby took a ship's heavy launch and landed two more boat loads of troops, until the sea became so heavy that it threw the launch upon the beach, dashing all the crew out of her on to the shore. After thus having landed three hundred men and officers, the squadron and transports, on account of the bad weather, stood off seaward, leaving the troops landed on the shore until the following day, when the squadron returned, opened fire, and captured the forts, which were garrisoned by over seven hundred men, who had been led to believe, by the display made by the troops landed, that their force was over two thousand strong, as Lieutenant Crosby succeeded in getting a strong picket thrown across the point in front of the enemy's batteries, thus preventing their making a reconnoissance or ascertaining *the condition of and actual force* of the Union troops, when the squadron returned on the following day and relieved them from their critical condition. In this way the rebels were deceived and our troops were saved from attack and probable capture, as nearly all the ammunition was wet, and the volunteer troops, being in a disorganized state, could not, in all probability, have successfully opposed double their number. Was especially mentioned in General Butler's official report of the expedition. Captured several schooners running the blockade, they not knowing the forts had surrendered. In the fall, and shortly after the capture of these forts, was ordered to the command of the gunboat "Pembino," fitting out at New York; but was taken dangerously ill with typhoid fever, brought on by constant exposure, privations and fatigue in the performance of his duties. In the winter of 1861, took command of the gunboat "Pinola," at Baltimore; took her to Washington, received her battery, and sailed for the Gulf Squadron, joining Admiral Farragut's command in the spring of 1862. While on his way to join the squadron, captured the schooner "Cora," loaded with cotton, and sent her North as a prize. Commanded the "Pinola" on the memorable night when she cooperated with the "Itasca" in breaking through the chain barrier across the Mississippi, at Forts Jackson and St. Philip. The "Itasca" successfully slipped the end of the cable on the opposite shore to Fort Jackson, and in so doing ran hard and fast aground, but through the skilful exertions of Commander Crosby, she was rescued from her extremely perilous position. and anchored directly under Fort Jackson's guns, which was twice tried. The vessels were boarded, which immediately drew the fire of Fort Jackson; torpedoes were placed in the hold, also outside of the vessels, and everything carefully arranged; but owing to the mass of floating timber around the vessels, the strong current and dark night, the wires attached to the galvanic battery and torpedoes were broken just as the attempt was made to explode them. When the third attempt was about being made, a boat arrived alongside, announcing the "Itasca" ashore, and in want of the "Pinola's" assistance to get her afloat; the attempt to blow up the vessels was reluctantly given up for the time, to assist the "Itasca," and in going to her assistance again drew the fire of Fort Jackson. In the first attempt to pull the "Itasca" afloat, two hawsers broke, but succeeded with an eleven-inch hawser the second time in pulling her off; and in doing this, the "Pinola" passed well up through the barrier under Fort St. Philip, far

enough to prove that the road was clear, but owing to the heavy bombardment of the mortar-fleet, she was not heard or seen. Participated in the bombardment and passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans; also in the bombardment, passage, and repassage of batteries at Vicksburg, and engagement with the rebel iron-clad "Arkansas." Blockaded off Mobile in the fall of 1862; was ordered North to command the iron-clad "Sangamon." Was promoted to *Commander*, September 3, 1862; detached from "Sangamon," and appointed Fleet-Captain, North Atlantic Squadron, under Rear-Admiral S. P. Lee; commanded an expedition up the York River, co-operating with General Dix, in command of the Army Corps at the White House. In the winter of 1863, took command of the "Florida," destroyed two blockade-runners at Masonboro' Inlet, while attempting to run the blockade, just at the break of day, and in so doing drew the sharp fire of flying batteries on shore; was transferred to the command of the "Keystone State" in 1864; captured five blockade-runners while in command of her, and caused many others to throw overboard their cargoes in order to escape. Detached from "Keystone State," and ordered to the "Muscoota;" detached from the "Muscoota," and ordered to the "Metacomet," 1864–5; blockaded off Galveston, Texas, and commanded her in the attack on Mobile. Planned and directed the construction of torpedo-nets, and spread them from shore to shore of the Blakely River, which caught all the floating torpedoes sent down to destroy the vessel; also planned torpedo drag-nets, superintended the removal of one hundred and forty torpedoes, and successfully cleared the track so as to allow the squadron to pass up safely to the city of Mobile. Occupied Forts Huger and Tracy on the night of the evacuation by the rebel forces; was especially commended by Admiral Thatcher in his official report of the naval operations at that port; was detached from the "Metacomet," on her return to Philadelphia, in August, 1865, at the close of the war. In September, 1865, received orders to command the "Shamokin;" sailed in her for the coast of Brazil, where he remained until 1868. Promoted to *Captain*, May 27, 1868, and detached, returning to the United States by the mail-steamer. While in command of the "Shamokin" conveyed Minister Washburn to Paraguay. At Norfolk Navy Yard as Inspector of Ordnance, 1869–70; Navy Yard, Philadelphia, 1871–2; Navy Yard, Washington, 1872–4. Commissioned as *Commodore*, October 3, 1874; commanding Naval Station, League Island, 1878; commandant Navy Yard, League Island, 1878–80. Promoted to *Rear-Admiral*, March 10, 1882; commanding South Atlantic Station, 1882; commanding Asiatic Station, 1883. Retired on his own application, October, 1883.

William Grenville Temple.—Born in Vermont, March 23, 1824. Appointed *Acting Midshipman* from Vermont, April 18, 1840; ordered to receiving-ship "Columbus," Boston, September 24, 1840; detached from "Columbus" and ordered to frigate "Constellation," Boston,—sailed on a cruise around the world, and at Rio de Janeiro the "Constellation" became flag-ship of the East India Squadron; May 8, 1844, detached from "Constellation" at Norfolk, and granted leave of absence; August 21, 1844, ordered to frigate "Potomac," flag-ship of the Home Squadron, Philadelphia; March 14, 1845, detached from "Potomac" at Pensacola, and ordered to brig "Lawrence" at same place; October 21, 1845, detached from "Lawrence" at Pensacola, and ordered back to "Potomac" at same place; December 5, 1845, detached from the "Potomac," at Norfolk, and ordered to Naval School, Annapolis. Promoted to *Passed Midship nan*, July 11, 1846;

July 13, 1846, detached from Naval School and waiting orders; October 5, 1846, ordered to sloop-of-war "Boston," New York, and started for Gulf of Mexico; November 15, 1846, wrecked on west end of Eleuthera, one of the Bahamas, opposite Hole-in-the-Wall; November 29, 1846, ordered to Norfolk in schooner "Volant," in charge of sick men from wreck of the "Boston;" January 7, 1847, ordered to receiving-ship "Pennsylvania," Norfolk; February 4, 1847, detached from "Pennsylvania," and from duty connected with the Boston Court-Martial at Norfolk, and ordered to steamer "Scourge," New York,—sailed for the Gulf of Mexico; March 29, 1847, present at the surrender of Vera Cruz; March 31, 1847, present at the capture of "Alvarado" by the "Scourge," and ordered to take command on shore; April 1, 1847, relieved on shore and ordered back to the "Scourge;" April 18, 1847, present at the capture of Tuspan; June 15 and 16, 1847, present at the capture of Tobasco; November 27, 1847, detached from the "Scourge" at Frontera, by medical survey, and took passage in steamer "Scorpion;" December 25, 1847, ordered as Acting Master to the steamer "Mississippi," Vera Cruz; April 21, 1848, detached from the "Mississippi," Boston, and granted leave of absence; June 14, 1848, ordered to Naval Observatory, Washington; May 2, 1849, detached from the Observatory, and ordered as Acting Master to the Coast Survey schooner "Petrel," New York. The party was transferred at New Orleans into the Coast Survey steamer "Hetzel," and was chiefly occupied in surveying the Florida Reef and Gulf Stream. August 2, 1850, detached from the "Hetzel," Baltimore, and ordered to the Coast Survey Office, Washington; October 11, 1850, detached from the Coast Survey, and ordered to the Observatory, Washington; November 28, 1850, detached from the Observatory, and granted leave of absence for the purpose of taking charge of the hydrographic works on the survey of the Isthmus of Tehuantepec, for a railroad and canal; April 5, 1852, ordered as Acting Master to the sloop-of-war "Levant," Norfolk, and sailed for the Mediterranean. Promoted to *Master*, July 21, 1854. Promoted to *Lieutenant*, April 18, 1855; May 7, 1855, detached from the "Levant," New York, and granted leave of absence; June 4, 1855, ordered to the steamer "Corwin," Coast Survey, New York, surveying that bay and harbor; December 3, 1855, detached from the "Corwin," New York, and ordered to the Coast Survey Office, Washington; May 19, 1856, detached from Coast Survey Office, and ordered to the steamer "Corwin," Coast Survey, New York,—engaged during the winter on the Florida Reef and Gulf Stream, and during summer at New York, New Haven, Boston, Salem, and Casco Bay; June 1, 1857, succeeded to the command of the "Corwin;" October 11, 1858, detached from command of the "Corwin," and ordered to the Coast Survey Office, Washington; April 7, 1859, detached from Coast Survey Office, and ordered to the steam-frigate "Lancaster," flag-ship of the Pacific Squadron, Philadelphia,—performed the duties of Flag-Lieutenant in addition to those of watch and division-officer, during the whole cruise; October 11, 1861, detached from the "Lancaster" at Panama, and ordered to return to New York; October 24, 1861, granted leave of absence at New York; November 11, 1861, ordered to command the steamer "Flambeau," New York, and sailed on an independent cruise to the Bahamas; January 22, 1862, detached from command of the "Flambeau," Port Royal, South Carolina, by medical survey, and sent to New York in the frigate "Savannah;" February 11, 1862, placed on waiting orders at New York; February 26, 1862, ordered to ordnance duty, New York; April 19, 1862, succeeded to Inspectorship of Ordnance, New York. Promoted to *Lieutenant-*

Commander, July 16, 1862; September 22, 1862, detached from ordnance duty, and ordered to command the steam-gunboat "Pembina," New York, and to join the West Gulf Blockading Squadron; November 22, 1862, detached from command of the "Pembina," off Mobile, and ordered to Key West as Fleet-Captain of the East Gulf Blockading Squadron; April 10, 1864, ordered temporarily to command the flag-ship "San Jacinto," Key West, for special service; April 13, 1864, detached from command of the "San Jacinto," and ordered to resume duty as Fleet-Captain; July 12, 1864, present on duty in the trenches about Washington, on the occasion of General Early's attack; September 19, 1864, detached from Fleet Captaincy, and ordered to ordnance duty at Cold Spring Foundry; November 8, 1864, detached from ordnance duty, and ordered to command the steamer "Pontoosuc," New York, and to join the North Atlantic Blockading Squadron; December 24 and 25, 1864, present at the bombardment of Fort Fisher; January 13 to 15, 1865, present at the capture of Fort Fisher; February 18 to 22, 1865, present at the passage up the Cape Fear River, and the capture of Wilmington, North Carolina. Promoted to *Commander*, March 3, 1865; April 1, 1865, present at the bombardment of rebel fortifications on the James River above Dutch Gap; April 3, 1865, present at the capture of Richmond, Petersburg, etc.; May 25, 1865, detached from command of the "Pontoosuc," Hampton Roads, and granted leave of absence; August 17, 1865, ordered to command the steamer "Tacony," Boston, and to join the Atlantic Squadron, where she became the flag-ship during the following year; October 31, 1866, detached from command of the "Tacony," Norfolk, and ordered as Inspector of Ordnance to Portsmouth, New Hampshire; October 18, 1869, detached from ordnance duty Portsmouth, and ordered as member of Permanent Ordnance Board, at the Navy Department, Washington, D. C. Promoted to *Captain*, August 28, 1870; October 18, 1870, detached from ordnance duty, and ordered as Assistant Judge-Advocate of the Navy, in the Navy Department; December 23, 1870, detached from the Navy Department, and ordered to command the frigate "Tennessee," at New York, and to take the United States Commissioners and their suite out to the Island of San Domingo; April 25, 1871, detached from the "Tennessee" at New York, and placed on waiting orders; May 1, 1871, ordered to duty under the Bureau of Ordnance; October 5, 1871, detached from ordnance duty, and ordered to flag-ship "Wabash," at Boston, as Chief-of-Staff of the European Squadron; July 6, 1872, ordered to command the "Wabash," in addition to duties as Chief-of-Staff; May 31, 1873, detached from the "Wabash," with leave of absence for eighteen months, and orders to return to the United States at its expiration; December 11, 1874, ordered to take charge of the government's reception of the King of the Hawaiian Islands at Washington, for which service, by permission of Congress, received from His Majesty Kalakaua a decoration as Knight Commander of the Royal Order of Kamehameha I.; relieved from this duty on December 28, 1874; February 1, 1875, ordered, as Captain of the Yard, to New York Navy Yard; October 31, 1877, detached from New York Navy Yard, and placed on waiting orders. Promoted to *Commodore*, June 5, 1878; ordered to temporary duty on board the flag-ship "Hartford," at Montevideo, October 26, 1878; returned from the "Hartford" and placed on waiting orders, February 15, 1879; ordered as member of the Examining and Retiring Boards, at the Navy Department, Washington, D. C., October 22, 1879; ordered as member of the First Advisory Board, in addition to present duties, July 11, 1881; detached from the Examining and Retiring

Boards, and placed on waiting orders, September 29, 1882; ordered as President of the "Jeanette" Court of Inquiry, at Washington, D. C., October 5, 1882; detached from the "Jeanette" Court of Inquiry, and placed on waiting orders, April 24, 1883. Promoted to *Rear-Admiral*, February 22, 1884. Placed on the retired list, February 29, 1884, at his own request, "after more than forty years' service."

John H. Upsher.—Born in Virginia, December 5, 1823. Appointed from Virginia, November 4, 1841; attached to frigate "Congress," Mediterranean Squadron, 1841–3; sloop "St. Mary's, Mediterranean Squadron, 1843–6; Home Squadron during Mexican War; in the Naval Battery during the bombardment of Vera Cruz; Naval School, 1847. Promoted to *Passed Midshipman*, August 10, 1847; frigate "Cumberland," Mediterranean Squadron, 1849–50; ordnance duty, 1852; store-ship "Supply," East India Squadron, 1853–6. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 14, 1855; ordnance duty, Washington Navy Yard, 1856–7; sloop "Cumberland," coast of Africa, 1858–9; Instructor at Naval Academy, 1859–60; North Atlantic Blockading Squadron, 1861; at capture of forts at Hatteras, North Carolina; steam-frigate "Wabash," South Atlantic Blockading Squadron, 1861; present at battle of Port Royal; commanding steamer "Flambeau," South Atlantic Blockading Squadron, 1862–3; several expeditions up the rivers of South Carolina. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-frigate "Minnesota," flag-ship, North Atlantic Blockading Squadron, 1863–4; commanding steamer "A. D. Vance," North Atlantic Blockading Squadron, 1864–5; at capture of Fort Fisher, January, 1865; commanding steamer "Frolic," European Squadron, 1865–7. Commissioned as *Commander* July 25, 1866; commanding apprentice-ship "Saratoga," 1868–70; special duty, New London, Connecticut, 1871–3. Commissioned as *Captain*, January 31, 1872; commanding "Brooklyn" (second-rate), South Atlantic Station, 1875–6; member Board of Inspection, 1877–80; member Board of Examiners, 1881. Promoted to *Commodore*, July, 1880; commandant Navy Yard, New York, 1882–4. Promoted to *Rear-Admiral*, October, 1844; commanding Pacific Station, 1884–5. Retired on his own application, June, 1888.

Edward Y. McCauley.—Born in Pennsylvania, November 2, 1827. Appointed from Pennsylvania, September 9, 1841; attached to Mediterranean Squadron, 1841–5; frigate "United States," coast of Africa, 1846–8. Promoted to *Passed Midshipman*, August 10, 1847; frigate "Constitution," Mediterranean Squadron, 1849–52; steam frigate "Powhatan," East India Squadron, 1852–6; present at the attack on pirates, China Seas, 1855. Commissioned as *Lieutenant*, September 14, 1855; receiving-ship "Philadelphia," 1856–7; steamer "Niagara," Cable Expedition, 1857–8; Naval Observatory, 1858–9; resigned, August 19, 1859; re-entered the service as acting Lieutenant, 1861; steamer "Flag," South Atlantic Blockading Squadron, 1861–2. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steamer "Fort Henry," East Gulf Blockading Squadron, 1862–3; boat attack on Bayport, Florida, and two skirmishes; commanding steam-gunboat "Tioga," East Gulf Blockading Squadron, 1863-4; gunboat "Benton," Mississippi Squadron, 1864–5; special duty, Philadelphia, 1866–7. Commissioned as *Commander*, September 27, 1866; Fleet-Captain, North Atlantic Squadron, 1867–8; Navy Yard, Portsmouth, New Hampshire, 1868–70; Naval Academy, 1871–2. Commissioned as *Captain*, September 3, 1872; commanding steam-sloop "Lackawanna," Asiatic Station, 1872–5; Navy Yard, Boston, 1875–8; Naval Asylum, Philadelphia, 1878–80. Pro-

moted to *Commodore*, August, 1881; commanded Navy Yard, League Island, 1884–5. Promoted to *Rear-Admiral*, March, 1885; commanding Pacific Station, 1885–6. Retired on his own application, January, 1887.

John Henry Russell.—Born at Frederick, Md., 4th July, 1827; entered the navy as *Midshipman*, 10th September, 1841; made first cruise in the sloop "Cyane," Pacific Squadron, 1841–3, from which he returned in the frigate "United States," in 1844; was attached to the sloop "St. Mary's," in the Gulf of Mexico, 1844–6; participated in operations at the annexation of Galveston, Texas, capture of Corpus Christi, and securing Fort Taylor, at Brazos. Guns were landed from the ship which supported General Taylor during the first operations of the Mexican war and at the battle of Resaca. Served in the blockade at Vera Cruz, prior to the capture of that city; in 1847 was on the experimental trip of the steamer "Alleghany," from Pittsburg to Norfolk. Made *Passed Midshipman*, 10th August, 1847, and graduated at the Naval Academy in 1848; served in the Coast Survey after graduating, and made a cruise to Brazil with supplies in the store-ship "Relief," and returned in the brig "Perry," 1849; in 1850–2 served in the mail-steamer "Georgia," of the New York and West India line; was attached to the North Pacific exploring expedition in 1853–6, and served in the sloop "Vincennes," under the appointment of *Acting Lieutenant*, and also as Navigator. In this cruise the U. S. envoy to China was indebted to Acting Lieutenant Russell for opening communication with the Chinese, who had refused all intercourse. Russell boldly pushed his way to the senior mandarin and delivered dispatches, by which American and English envoys were admitted to audience. In the "Vincennes," sailed into the Arctic, where the explorations revealed errors in the charts; had a severe attack of the scurvy, but remained on duty until arrival at San Francisco. Commissioned *Master*, 14th September, 1855 and *Lieutenant*, 15th September, 1855; served in the frigate "Wabash," 1858–9, in the Mediterranean Squadron; in 1860–1 was on ordnance duty at the Washington Navy Yard, and was one of two officers who remained loyal notwithstanding that his ties and affections were with the South. He was devoted to the Union, and went to Norfolk to assist in preventing vessels at the Navy Yard from falling into the hands of the secessionists. He had charge of the last boat that left the yard, 21st April, 1861. He was next attached to the frigate "Colorado;" 14th September, 1861, he commanded a boat expedition to cut out the privateer "Judah," at Pensacola, under the protection of shore batteries and eight or nine thousand men. Russell boldly approached during the night, and after a severe hand-to-hand conflict, in which twenty of his force of one hundred sailors were killed or wounded (Russell himself being wounded), he succeeded in destroying the "Judah," and regained the "Colorado." Porter's naval history states that "this was without doubt the most gallant cutting-out affair that occurred during the war." The Navy Department complimented Russell, and Gideon Welles, Secretary of the Navy, wrote: "An expedition executed in the face of an enemy so much superior in numbers, with such brilliancy and gallantry and success, cannot pass without the special recognition of the Department, and the whole country is indebted to those engaged in it for one of the brightest pages which adorn our naval record." The State of Maryland gave him a vote of thanks. President Lincoln personally expressed his thanks for this brilliant service to the country. Russell was then placed in command of the steamer "Kennebec" in Farragut's squadron. In the attack on Forts Jackson and St. Philip his ship was slow and much exposed; was present at the surrender of the forts, and received the garrison of Fort Jackson as prisoners

on his ship; participated in all the operations of Farragut's fleet in the Mississippi River up to Vicksburg. Farragut thanked him for his timely service in saving the lives of officers and men in the flag-ship's boat during a guerrilla attack at Baton Rouge. Served one year in the blockade at Mobile, in command of the "Kennebec," 1862–3; he commanded the steamer "Pontiac," South Atlantic Blockade, in 1863. Commissioned *Lieutenant-Commander*, July 16th, 1862; in 1864 was on ordnance duty at Washington, and commanded the ship "Cyane," Pacific Squadron, 1864–5; on duty at Norfolk Navy Yard, and Mare Island Yard, 1866–9. Commissioned *Commander*, January 28th, 1867; commanded the steamer "Ossipee," Pacific Squadron, 1869–71, and during a memorable gale in the Gulf of California he rescued passengers and crew of the steamer "Continental," Pacific Mail Steamship Company, September, 1869; served at the Navy Yard, Mare Island, Cal., 1872 3. Commissioned *Captain*, February 12th, 1874, and commanded the sloop "Plymouth" in 1875, in North Atlantic Squadron, and by prompt measures he saved the vessels of the squadron from an epidemic of yellow fever at Key West; commanded the steamer "Powhatan," on special duty, 1876–7; on duty at the Washington Navy Yard and Navy Department, 1878–80 and 1880–3. Commissioned *Commodore*, October 30th, 1883, and was Commandant Mare Island Navy Yard, 1883–6. Promoted to *Rear Admiral*, March 4th, 1886, and, having had forty-five years of active service, he voluntarily went on the retired list, August 27th, 1886. Since his retirement he has been a resident of Washington, D. C.

David B. Harmony.—Born in Pennsylvania. Appointed from same State, April 7, 1847; attached to frigate "Brandywine," Brazil Squadron, 1847; frigate "Ohio," Pacific Squadron, 1847–8; sloop "Warren," Pacific Squadron, 1849–50; sloop "Falmouth," Pacific Squadron, 1851–52; Naval Academy, 1853. Promoted to *Passed Midshipman*, June 10, 1853; store-ship "Relief," 1854. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 16, 1855; receiving-ship, "Baltimore," 1856–7; sloop "Decatur," Pacific Squadron, 1858–60; steam-sloop "Iroquois," Western Gulf Blockading Squadron, 1861–2; bombardment and passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans; capture of Grand Gulf; both engagements with batteries at Vicksburg; engagements with rebel ram "Arkansas." Commissioned as *Lieutenant-Commander*, July 16, 1862; iron-clad, "Nahant," South Atlantic Blockading Squadron, 1862–3; attack on defences of Charleston, April 7, 1863; capture of rebel ram "Atlanta," June 17, 1863; bombardment of Morris Island batteries, from July 10 to August 1, 1863; commanding steam-gunboat "Tahoma," East Gulf Blockading Squadron, 1864; commanding steam-gunboat "Sebego," West Gulf Blockading Squadron, 1864–5; capture of Mobile. Commissioned as *Commander*, July 25, 1866; commanding steamer "Frolic," European Squadron, 1867–9; Inspector of Supplies, Navy Yard, New York, 1869–71; commanding "Kearsarge" (second-rate), Asiatic Station, 1873–4; commanding flag-ship "Hartford," Asiatic Station, 1874–5. Commmissioned as *Captain*, February 4, 1875; commanding "Plymouth," North Atlantic Station, 1877–9; commanding "Tennessee," 1879–80; commanding receiving ship "Colorado," 1881–3; member of Examining Board, 1884–5; chief of Bureau of Yards and Docks, 1885–9. Promoted to *Commodore*, September 1885; Chairman of Light-House Board 1889 to June, 1891; commanding Asiatic Station, February 22, 1892, to date of retirement, June 26, 1893. Promoted to *Rear-Admiral*, March, 1890. Commanding Asiatic Station, February 22, 1892, to date of retirement, June 26, 1893.

Aaron Ward Weaver.—Born in District of Columbia, July 1, 1832. Appointed from Ohio, May 10, 1848; attached to sloop "St. Louis," Brazil Squadron, 1849–51; frigate "Congress," Brazil Squadron, 1851–3; Naval Academy, 1854. Promoted to *Passed Midshipman*, June 15, 1854; steamer "Fulton," Home Squadron, 1854–5. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 16, 1855; Coast Survey steamer "Walker," 1856–7; steamer "Arctic," latter part of 1857; surveying Trinity Bay, Newfoundland for Atlantic telegraph cable, also deep-sea soundings down axis of Gulf Stream; sloop "Marion," coast of Africa, 1857–9; July, 1859, came to New York from Congo River, in command of prize-bark "Ardennes," which vessel had been seized as a slaver; steam-frigate "Susquehanna," Blockading Squadron, 1861–2; bombardment and capture of Forts Hatteras and Clarke, North Carolina; bombardment and capture of Forts Beauregard and Walker, Port Royal, South Carolina; in charge of "Susquehanna's" armed launches, before the fall of Fort Pulaski, convoying guns up to the army battery at Vernes Point, and taking up torpedoes, surveying, etc.; engagement at Sewell's Point, Virginia, May 18, 1862, and present at occupation of Norfolk by United States forces. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-gunboat "Winona," Western Gulf Blockading Squadron, 1862–3; severe engagement with rebel batteries near Port Hudson, Louisiana, December 14, 1862; engagement with rebel forces at Placquemine, Louisiana; engagement with the rebels under Generals Green and Mouton, some three thousand in force, when they attacked Fort Butler, Donaldsonville, Louisiana, and were repulsed with a loss of about one hundred killed and wounded and one hundred and twenty prisoners; favorably mentioned in Admiral Farragut's dispatch, dated June 9, 1863; engagement with rebel batteries below Donaldsonville, after fall of Port Hudson; commanding steam-gunboat "Chippewa," North Atlantic Blockading Squadron, 1864; in command of "Chippewa" at first attack on Fort Fisher; was transferred to command iron clad "Mahopac," and was in command of that vessel at last attack and capture of Fort Fisher; favorably mentioned in Admiral Porter's despatch, dated January 28, 1865, and recommended for promotion; also favorably mentioned in report dated January 15, 1865, of Commodore William Radford, commanding iron-clad division; was ordered to Charleston, and on the advanced picket when that place and its fortifications were captured; was then ordered to James River. The "Mahopac" encountered a heavy gale of wind on her passage, but weathered it safely, and anchored in James River above Dutch Gap Canal. Was present at the fall of Richmond; Navy Yard, Boston, 1866. Commissioned as *Commander*, July 25, 1866; commanding United States steamer "Tallapoosa," 1866–7; commanding rendezvous, Washington, 1868; Inspector of Supplies, Washington, 1869–70; commanding "Terror" (iron-clad), North Atlantic Fleet, 1870–1; charge of nitre depot, Malden, Massachusetts, 1872–5; commanding "Dictator" (iron-clad), North Atlantic Station, 1875–7. Commissioned as *Captain*, August 8, 1876; Navy Yard, Norfolk, 1879–81; commanding United States steamer "Brooklyn," South Atlantic Station, 1881–4; member of Examining Board, 1885–6. Promoted to *Commodore*, October, 1886; President of Examining Board, 1886–9. Commandant Navy Yard, Norfolk, January 9, 1890, to January 17, 1893; President Examining and Retiring Boards, January 17, 1893, to September 26, 1893. Commissioned *Rear-Admiral*, June 27, 1893. Retired September 26, 1893.

COMMODORES ON THE ACTIVE LIST.

John G. Walker.—Born in New Hampshire. Appointed from Iowa, October 5, 1850; Naval Academy, 1851; attached to sloop "Portsmouth," Pacific Squadron, 1851–5; Naval Academy, 1856; graduated at the head of his class. Promoted to *Passed Midshipman*, June 20, 1856; sloop "Falmouth," Brazil Squadron, 1856–7; frigate "St. Lawrence," Brazil Squadron, 1858–9. Commissioned as *Lieutenant*, January 23, 1858; Instructor in Mathematics Naval Academy, 1859–60; steamer "Susquehanna," 1860–61; steamer "Connecticut," Atlantic coast, 1861; steam-gunboat "Winona," West Gulf Blockading Squadron, 1862; passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans; operations against Vicksburg, in summer of 1862, including the passage of the batteries both ways. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding iron-clad steamer "Baron de Kalb," Mississippi Squadron, 1862–3; operations against Vicksburg, winter of 1862–3; two attacks on Haines' Bluff; engagement at Arkansas Post; Yazoo Pass Expedition; with the attack on Fort Pemberton; capture of Yazoo City, and expedition up Yazoo River to destroy steamers, having three sharp fights; commanded naval battery in 15th Army Corps at siege of Vicksburg; commanding steam-gunboat "Saco," North Atlantic Blockading Squadron, 1864–5; capture of Wilmington, N. C., and forts, with the exception of Fort Fisher; commanding steamer "Shawmut," Brazil Squadron, 1865–6. Commissioned as *Commander*, July 25, 1866; Naval Academy, 1866–9; commanding frigate "Sabine," special service, 1869–70; Light-House Inspector, 1871–2; Secretary Light-House Board, 1873–8. Commissioned as *Captain*, 1877; leave of absence, 1879–80; commanding "Powhatan," North Atlantic Station, 1881; Chief Bureau of Navigation, 1881–9. Promoted to *Commodore*, February, 1889; commanding Squadron of Evolution as *Acting Rear Admiral*, 1889–90. Commanding South Atlantic and North Atlantic Stations, 1890 to June, 1893; member Board of Inspection and Survey, June, 1893 to date.

Francis M. Ramsay.—Born in the District of Columbia. Appointed *Midshipman* from Pennsylvania, October 5, 1850; Naval Academy, 1850–1; practice-ship "Preble," 1851; frigate "St. Lawrence," Pacific Squadron, 1851–5; Naval Academy, 1855–6. Promoted to *Passed Midshipman*, June, 1856; sloop "Falmouth," Brazil Squadron, 1857. Appointed *Acting Master*, June 24, 1857; steam-frigate "Merrimac," Pacific Squadron, 1857–60. Promoted to *Master*, January 22, 1858. Promoted to *Lieutenant*, January 23, 1858; ordnance duty, Navy Yard, Washington, D. C., 1860; sloop "Saratoga," African Squadron, 1860–2. Promoted to *Lieutenant-Commander*, July 16, 1862; commanding iron-clad "Choctaw," Mississippi Squadron, 1863–4; engagements at Haines' Bluff, Yazoo River, April 30 and May 1, 1863; expedition up Yazoo River to Yazoo City, destroying rebel Navy Yard and vessels, May, 1863; engagement at Liverpool Landing, Yazoo River, May, 1863; engagement at Milliken's Bend, Mississippi River, June 7, 1863; siege of Vicksburg, May, June, and July, 1863; commanded a battery of three heavy guns mounted on scows, in front of Vicksburg, from June 19, to July 4, 1863; commanding Third Division, Mississippi Squadron, July, 1863, to September, 1864; several engagements with field batteries and guerrillas, 1863–4; commanded expedition up Black and Ouachita Rivers, March, 1864; engagement at Trinity, La., March, 1864; engagement at Harrisonburg, La., Ouachita River, March, 1864; Red River Expedition,

March, April, May, 1864; expedition up Black and Ouachita Rivers, April, 1864; several engagements with guerrillas at Fort De Russy, La., May, 1864; commanding Third and Fourth Districts, Mississippi Squadron, May to September, 1864; commanded expedition into Atchafalaya River, June, 1864; engagement at Simmsport, La., Atchafalaya River, June 8, 1864; commanding gunboat "Unadilla," North Atlantic Squadron, 1864–5; engagements with Fort Fisher, N. C., December 24 and 25, 1864; engagement with Fort Fisher, N. C., January, 1865; several engagements with Fort Anderson, and with other forts on the Cape Fear River, January, February, 1865; capture of Richmond, Va.; Naval Academy, in charge of Department of Gunnery, 1865–6. Promoted to *Commander*, July 25, 1866; navigation duty, Navy Yard, Washington, D. C., 1866–7; Fleet Captain and Chief of Staff, South Atlantic Squadron, flag ship "Guerriere," 1867–9; commanding steam-frigate "Guerriere," June, July, 1869; ordnance duty, Navy Yard, Washington, D. C., 1869–72; Bureau of Ordnance, 1872; Naval Attaché, London, 1872–3; commanding "Ossipee" (third-rate), North Atlantic Station, 1873–4; commanding "Lancaster" (second-rate), 1874–5; Naval Asylum, Philadelphia, 1875–6; Inspector of Ordnance, New York, 1876–8. Commissioned as *Captain*, 1878; in charge of Torpedo Station, 1878–81; commanding "Trenton," flag-ship, European Station, 1881; Superintendent Naval Academy, 1881–6; Board for Examination of Officers for Promotion, 1886–7; commanding "Boston" (special service), 1887–9. Promoted to *Commodore*, March, 1889; Chief of Bureau of Navigation, from November 1, 1889, to date.

Joseph S. Skerrett.—Born in Ohio. Appointed from Ohio, October 12, 1848; attached to razee "Independence," Mediterranean Squadron, 1848–52; sloop "Marion," coast of Africa, 1852–4, as Midshipman and Navigator and Watch-Officer; Naval Academy, 1855. *Passed Midshipman*, June 15, 1854, having passed at the head of his class. Promoted to *Master*, September 15, 1855. Promoted to *Lieutenant*, September 16, 1855; frigate "Potomac," Home Squadron, 1855–6; sloop "Falmouth," Brazil Squadron, 1856–9; store barque "Release," North Atlantic, 1859; sloop "Saratoga," coast of Africa, 1860–2. Commissioned as *Lieutenant-Commander*, July 16, 1862; Navy Yard, Washington, Ordnance Duty, 1862–3; attached to "Shenandoah" (second-rate) as Executive, North Atlantic Squadron, 1863; commanding gunboat "Aroostook," Western Gulf Squadron, 1863–5; engagement with rebel fortifications at the mouth of Brazos River, Texas, June 27, 1864; Naval Rendezvous, Washington, 1866–7; commanding apprenticeship "Portsmouth," 1867–8. Commissioned *Commander*, June 9, 1867; Naval Academy, 1868–72, during which time he commanded "Macedonian" and "Saratoga" on two practice cruises; commanding "Portsmouth" (third-rate), surveying in Pacific, 1872–5; Navy Yard, Washington, 1875–8; Light-House Inspector, First District, 1878–81; commanding "Richmond," flag-ship of the Asiatic Station, 1881–4, assuming command at Panama, and by direction of Navy Department visiting Apia, Samoa, to settle trouble of United States Consul and to examine Coal Station at Pago-Pago. Succeeded to command of squadron on Asiatic Station, October, 1883, and continued in command until January, 1884; Naval Asylum Philadelphia, 1884–6; Governor Naval Asylum, 1886–8; member Naval Advisory Board, 1889. Promoted to *Commodore*, August 4, 1889; commandant Navy Yard, Portsmouth, N. H., 1889–90; commandant Navy Yard, Washington, September, 1890 to December, 1892; Jan. 1893, he was ordered to command the Asiatic Station, his present duty, with rank of *Rear-Admiral*.

Joseph P. Fyffe.—Born in Ohio, July 26, 1832. Appointed from Ohio, September 9, 1847; attached to bomb-vessel "Stromboli," Home Squadron, 1847–8; sloop "Yorktown," coast of Africa, 1848–50; Home Squadron, 1852; Naval Academy, 1853–4. Promoted to *Passed Midshipman*, June 15, 1854; steam-frigate "San Jacinto," special service, 1855. Commissioned as *Lieutenant*, September 16, 1855; store-ship "Relief," Brazil Squadron, 1856–7; sloop "Germantown," East India Squadron, 1857–9; steam-sloop "Lancaster," 1860–1; steam-frigate "Minnesota," flag-ship North Atlantic Blockading Squadron, 1863-5; took part in the destruction of the blockade-runner "Hebe," and two rebel guns on the beach near Fort Fisher, North Carolina, August, 1863; also in the destruction of the blockade-runner "Ranger," and engagement with infantry below Fort Caswell, North Carolina, January, 1864; engaged a rebel force of artillery above Cox's wharf, James River, May, 1864; engaged rebel batteries near Deep Bottom, James River, and rebel batteries at Curtis' Neck, near Tilgman's wharf, James River, June, 1864; engaged rebel batteries and rams near Dutch Gap, January, 1865. Commissioned as *Lieutenant-Commander*, July 16, 1862; Navy Yard, Boston, 1867; steamer "Oneida," Asiatic Squadron, 1868–9. Commissioned as *Commander*, December 2, 1867; commanding steamer "Centaur," North Atlantic Fleet, 1869–70; in charge nitre depot, Malden, Mass., 1871–2; commanding "Monocacy" (third-rate), Asiatic Station, 1875–8. Promoted to *Captain*, January, 1879; commanding receiving-ship "St. Louis," 1879–80; commanding receiving-ship "Franklin," 1880–2; commanding "Pensacola," Pacific Station, 1882–3; Navy Yard, Boston, 1885–8. Promoted to *Commodore*, February, 1889. Waiting orders, 1889–90. Special duty, Boston, October, 1890–91; commanding Naval Station, New London, June 29, 1891, to July, 1893; commanding Navy Yard, Boston, July 13, 1893, to date.

Oscar F. Stanton.—Appointed *Midshipman*, December 29, 1849; served on board the U. S. steam-frigate "Susquehanna" in the East Indies, China Seas, and Japan Expedition under Commodore M. C. Perry, December, 1850, to June, 1853; U. S. sloop-of-war "Saratoga," China and Japan Seas, June, 1853, to September, 1854; Naval Academy, September, 1854, to June, 1855; U. S. ship "Constellation," Mediterranean Squadron, August, 1855, to August, 1858; U. S. steamer "Memphis," Paraguay Expedition, October, 1858, to June, 1859; U. S. store-ship "Supply" and U. S. sloops-of-war "Portsmouth" and "Marion," West Coast of Africa, September, 1859, to October, 1860; U. S. sloop-of-war "St. Mary's," Pacific Squadron, December, 1860, to March, 1862; U. S. steamer "Tioga," James River and Potomac Flotilla and West India Flying Squadron, May, 1862, to November, 1863; U. S. steam gunboat "Pinola," West Gulf Blockading Squadron, December, 1863, to November, 1864; ordnance duty, New York Navy Yard, December, 1864, to March, 1865; U. S. steam-frigate "Powhatan," March to August, 1865, East Gulf Blockading Squadron; Navy Yard, New York, August to November, 1865; Naval Academy, November, 1865, to May, 1867; U. S. steamer "Tahoma," Gulf Squadron, May to September, 1867; U. S. store-ship "Purveyor," Gulf of Mexico and West Coast of Africa, July, 1868, to May, 1869; U. S. receiving-ship "Vandalia," Portsmouth, New Hampshire, February, 1870, to April, 1871; U. S. steamer "Monocacy," China and Japan Seas, January, 1872, to June, 1873; U. S. steamer "Yantic," China and Japan Seas, June, 1873, to October, 1874; Navy Yard, Norfolk, Virginia, November, 1874, to March, 1877; Torpedo Station, June to September, 1878; U. S. frigate "Constitution," training-ship, October, 1879, to June, 1881; U. S. Naval Asylum, November, 1881, to October,

1884; U. S. steamer "Tennessee," November, 1884, to October, 1885; Naval Station, New London, Conn., October, 1885, to April, 1889. Promoted to *Passed Midshipman*, June, 1855; promoted to *Master* in line of promotion, September, 1855; promoted to *Lieutenant*, April, 1856; promoted to *Lieutenant-Commander*, July, 1862; promoted to *Commander*, December, 1867; promoted to *Captain*, June, 1879. Commanding training ship "Richmond" and Station, October 3, 1890, to June, 1891. Commissioned *Commodore*, May, 1891; Governor Naval Home, Philadelphia, July, 1891 to July, 1893; December, 1893, ordered to command the North Atlantic Station (his present duty), with rank of *Acting Rear-Admiral.*

Henry Erben.—Born in the city of New York; appointed from New York City a *Midshipman* in the Navy, on June 17, 1848; served in the frigate "St. Lawrence" (fifty guns), from July, 1848, to July, 1853; Coast Survey schooner "Crawford," 1854; Naval Academy, 1855. *Passed Midshipman*, 1855; serving in the frigate "Potomac" (fifty guns), Home Squadron. Promoted *Master* in the Navy, 1855; in November, 1855, ordered to the prize filibuster bark "Amelia," captured at Puerto Prince, Hayti; the commanding officer was ordered to take her to New York; after being at sea seventy days, arrived at St. Thomas, destitute of provisions, and a wreck, with everything gone; store-ship "Supply," 1856 and 1857; employed bringing camels for the War Department from Egypt to Texas. *Lieutenant*, December 27, 1856; joined, March 18, 1857, steamer "Vixen," deep-sea sounding for Atlantic cable; joined steam frigate "Mississippi," August, 1857; served in her on China Station, until November, 1859, returning home then with Chinese treaty; joined the store-ship "Supply," February, 1860, serving on the Gulf Station; was at Pensacola, Florida, when the Navy Yard there was surrendered to the troops of Alabama and Florida; assisted in transferring the troops under Lieutenant Slemmer, from Fort Barrancas to Fort Pickens on the night of January 9, 1861, previous to which, on January 8, with a small boat's crew, rendered Fort MacRee inoperative by spiking the guns, destroying material and twenty thousand pounds of powder; returned to New York with the surrendered sailors, marines, and workmen of the yard; joined bark "Release" in March, 1861, returning in her to Fort Pickens, Florida; transferred to steamer "Huntsville," engaged in blockading duty along the Gulf Coast; action at Ship Island with rebel gunboats and batteries, August, 1861, and on December 25, off Mobile, with rebel gunboat "Florida," she having, during the temporary absence of the "Huntsville," gone out in a calm to destroy the sailing frigate "Potomac" (fifty guns); joined the Mississippi River fleet in April, 1862; commanded iron-clad "St. Louis," at the siege and bombardment of Fort Pillow, and attack of rebel rams upon our fleet, in May, 1862; capture of "Memphis," June 6, 1862; serving on the Admiral's staff; commanded the "Sumter" at the siege of Vicksburg, passing the batteries then with Admiral Farragut, on July 15, 1862; was at battle of Baton Rouge, La., on August 6, 1862, and destruction of rebel ram "Arkansas," on August 7, 1862. *Lieutenant Commander*, July 16, 1862; returned to join naval howitzer battery in Maryland, with General McClellan, during the Antietam Campaign; in October, 1862, joined the monitor "Patapsco" as Executive Officer; engagement at Fort McAllister, March, 1863; at attack upon forts below Charleston, S. C., on April 7, 1863; steam-frigate "Niagara," special service on Atlantic Coast, from November, 1863, to May, 1864, when ordered to command the monitor "Chimo," and in July, 1864, to command monitor "Tunxis,"—these vessels were intended to destroy the rebel ram

"Albemarle," but not being seaworthy were condemned; in October, 1864, ordered to command the "Ponola," West Gulf Squadron; captured under the batteries at Matagorda, Texas, the armed schooner "Dale," and the boats of the torpedo station, with twenty men, destroying completely that establishment; engaged with batteries at Galveston, in attempting with the "Princess Royal," the destruction of the blockade-runner "Let Her Be;" returned home, July, 1865; on duty, Navy Yard, New York, during 1866; commanded steamers "Huron," "Kansas," and "Pawnee," during 1867, 1868, 1869, on South Atlantic Station. Commissioned *Commander*, May 6, 1868; ordnance duty, New York Navy Yard, 1871; Naval Rendezvous, New York, 1871, 1872; monitor "Manhattan," 1873, at Key West; steamer "Tuscarora," North Pacific Squadron, running deep-sea soundings, during 1874 and 1875; Navy Yard, Portsmouth, N. H., 1876–8; commanding Nautical School Ship "St. Mary's," 1878–82. Promoted *Captain* November, 1879; commanding "Pensacola," 1883–4, in a cruise around the world; Navy Yard, Portsmouth, N. H., 1885–6; special duty, in New York, October, 1886, to October, 1889; waiting orders, October, 1889, to May, 1890; member Board Inspection Survey, May, 1890–91; commandant Navy Yard, New York, May, 1891, to May, 1893. Commissioned *Commodore*, April 3, 1892; commanding European Station, June, 1893, to date.

Richard W. Meade—Born in New York City, October 9, 1837. Appointed *Midshipman* from California, October 2, 1850; Naval Academy, October 2, 1850, to November 20, 1851; practice-ship "Preble," July to October, 1851; steam frigate "San Jacinto," Mediterranean Squadron, November 20, 1851, to April 28, 1853; sloop "St. Louis," Mediterranean April 28, 1853, to March, 1854; present at the "Koszta affair," in Smyrna, July, 1853; frigate "Columbia," West Indies, May 10, 1854, to April 2, 1855; Naval Academy, October 1, 1855, to June 21, 1856; passed No. 5 in class. Warranted *Passed Midshipman*, June 20, 1856; steam frigate "Merrimac," north of Europe and West Indies, July 12, 1856, to April 4, 1857. Appointed *Acting Master*, April 14, 1857, and ordered to corvette "Cumberland," west coast of Africa, April 14, 1857, to January 11, 1859. Warranted *Master*, January 22, 1858. Commissioned *Lieutenant*, January 23, 1858; sloop "Dale," African Squadron, January 11, 1859, to May 23, 1859; steam frigate "Saranac," Pacific Squadron, September 17, 1859, to March 20, 1860; sloop "Cyane," Pacific Squadron, March 20, 1860, to August 2, 1861; sick in Naval Hospital, New York, with Mexican fever, from August to October, 1861; instructor in gunnery to volunteer officers, receiving ship "Ohio," October 29, 1861, to January 3, 1862; steam-sloop "Dacotah," North Atlantic Blockading Squadron, as Executive Officer, January 31, 1862, to March 9, 1862; sick in Chelsea Hospital from effects of fever, from March 9 to May, 1862; steamer "Conemaugh," South Atlantic Blockading Squadron, as Executive Officer, June 17, 1862, to September 8, 1862. Commissioned as *Lieutenant-Commander*, July 17, 1862; iron clad "Louisville," Western Flotilla, in command from September 15, 1862, to December 1, 1862; employed in breaking up guerrilla warfare on the Mississippi River, between Memphis and Helena; co-operating with troops from Major Gen. W. T. Sherman's division and Brig. Gen. E. Carr's division; commended by Rear Admiral Porter in official dispatches; disabled and invalided, East, by Medical Survey, in December; ordnance duty, New York, January 26, 1863, to June 15, 1863; commanded steamer "United States," in search after privateer "Tacony," from June 15, 1863, to July 2, 1863; commanded the Naval Battalion during the July riots in New York; stationed in the lower part of the city from

Monday to Saturday, and maintained order in the limits of district, dispersing several disorderly gatherings; steam-gunboat "Marblehead," South Atlantic Blockading Squadron; in command from September 12, 1863, to May 3, 1864; stationed at Stono River, S. C., on picket duty, and performed various services against the enemy in conjunction with General Gillmore's outposts; December 25, 1863, battle on the Stono; the enemy under General Del Kemper attacked from John's Island earthworks with sixteen pieces of artillery and a strong supporting infantry force, the object being to sink, capture, or drive off the "Marblehead," erect heavier works and thus drive Gillmore's transports out of Stono Inlet and turn his left flank. The "Marblehead's" crew consisted of seventy men; after a sharp fight of over an hour, the "Pawnee" and "Williams" coming to her aid, the enemy was routed and driven from his works with the loss of two eight-inch guns and many men; the "Marblehead" was struck thirty times in the hull, and lost three killed and six wounded; on the 28th a force of one hundred men under his command landed and brought away the two guns, destroying the batteries; for this service, in addition to Captain Balch's commendation, which was as follows: "I desire to bear my testimony to the skill and bravery of Lieutenant-Commander Meade, who, under a sharp fire, worked his guns with great rapidity, and handled his vessel admirably," he was officially thanked in general orders by Rear-Admiral Dahlgren, the order to be read on every quarter-deck in the fleet; subsequently recommended for promotion by Rear-Admiral Dahlgren and the Board of Admirals "for gallant conduct in face of the enemy;" commanded steamer "Chocura," West Gulf Blockading Squadron, under Admiral Farragut, May 3, 1864, to July 7, 1865; during this time actively engaged in blockading the Texas coast and harassing the enemy; from October to December, 1864, captured or destroyed seven blockade-runners, viz.: "Louisa," "Cora Smyser," "Louisa, No. 2" (destroyed), "Lowood," "Julia," "Lote Hurley," and "Alabama;" January 22, 1865, cut out of the Calcasieu River, La., and destroyed, in the face of a greatly superior force, the blockade-runner "Delphina," for which service officially thanked by Commodore J. S. Palmer, commanding squadron in Admiral Farragut's absence; April 24, 1865, present at the affair of the ram "Webb," New Orleans; Naval Academy, July 7, 1865, to September 1, 1868; commanding frigate "Santee," summer of 1865; commanded steamer "Marblehead," summer of 1866, coast of United States; commanded sloop "Dale," summer of 1867, coast of Europe; steamer "Saginaw," Pacific Squadron, in command October 24, 1868, to May 5, 1869; stationed in Alaska, and occupied in surveying and keeping refractory Indians quiet. Commissioned as *Commander*, September 20, 1868; special duty, May 5, 1869, to November, 1869; ordnance duty, November, 1869, to July, 1870; during which time made a thorough inspection of all the principal gun-foundries in the country, and embodied the result of his observations in a report to the Bureau of Ordnance. During the summer of 1870 commanded the schooner yacht "America," for experimental purposes, sailed in the race of August 8, in New York Harbor, and beat the English yacht "Cambria" nearly four miles, coming in number four out of over twenty yachts entered for this celebrated contest. October 8 to December 21, 1870, on duty as member of board to examine midshipmen of the class of 1869; February 15, 1871, to April 22, 1873, commanded United States steamer "Narragansett," Pacific Station; specially commended by the Secretary of the Navy in his annual report to the President of the United States, for "great judgment and skill" in negotiating a commercial treaty in the Samoan or Navigator Islands (see report of the Secretary of the Navy

for 1872, pages 13 and 14). Between March 21, 1871, and April 1, 1873, the "Narragansett" passed 431 days under way and actively cruising, sailing almost entirely under canvas about 60,000 miles. During this time she visited nearly every quarter of the Pacific Ocean, extending her cruise to Australia and the Coral Sea; surveyed a number of harbors and islands, made treaties, and collected, in the Polynesian Islands, indemnities for outrages inflicted on American citizens by the natives, without death or casualty of any kind. The cruise was so unusual a one as to attract public notice, and call forth comments of a very complimentary character from many quarters. In an official letter from the Secretary of the Navy to Commander Meade, dated May 2, 1873, the Admiral of the Navy is quoted as speaking of the "Narragansett" and her return of exercises as follows: "The best ever sent in," and reports her as performing "more professional work than any other ship afloat for the past two years," with other highly complimentary language; May 10, 1873, special duty to prepare a report on American trade in the Pacific, and complimented in an official letter by the Chief of the Bureau of Navigation for the report transmitted; June 30, 1873, to May 1, 1876, Inspector of Ordnance at the New York Navy Yard, and for the greater part of the time acting as Navigation officer, in addition to other duties. May 1, 1876, to November 29, 1878, waiting orders; November 29, 1878, ordered to special duty as senior member of the board for the revision of the ordnance instructions; January 21, 1879, to May 2, 1882, commanding the steam-corvette "Vandalia," North Atlantic and West India Station. Commissioned *Captain*, March 13, 1880. On relinquishing the command of the "Vandalia," after a cruise of thirty-nine months, the Rear-Admiral commanding the squadron wrote officially to the Secretary of the Navy as follows: "As a commanding officer he (Captain Meade) has no superior." May 2, 1882, to July 28, 1882, on leave or waiting orders; July 28, 1882, to July 1, 1883, member of the Board of Inspection, and also of Board of Survey and Appraisement of old or obsolete vessels belonging to the Navy. The work of this Board cleared the navy list of most of its hulks and obsolete wooden vessels. July 1, 1883, to March 31, 1884, on duty at New York Navy Yard, as Captain of the Yard; March 31, 1884, to November 5, 1885, leave of absence and engaged in private business with the Missouri Pacific R. R. Co., in the West and South. November 5, 1885, to December 1, 1885, member of the Examining and Retiring Board; December 1, 1885, to July 7, 1886, on special duty commanding the "Dolphin;" July 7, 1886, to September 15, 1887, President of the Board of Inventory, to take account of stores and material belonging to the Navy. Commended by Secretary Whitney in his annual reports. September 15, 1887, ordered to duty as commandant of the Washington Navy Yard, "where he remained until November, 1893, during which time the new gun shops were built, the tools installed including four traveling cranes and a railway built connecting all the shops with the main line of the Pennsylvania R. R. Co., so that steel ingots and other heavy material, etc., could be brought from the manufacturers to the tools at the yard with only one handling. September 15, 1890, to May 16, 1893, member of Government Board of Management and Control, World's Columbian Exposition, Chicago, Ill., representing the Navy Department. Designed the model battle ship "Illinois," as the Navy Department Exhibit, and carried out the idea to a successful conclusion, when in April, 1893, was taken ill at Chicago and obliged to cease all work. May 16, 1893, to September 27, 1893, on leave of absence; September 27, 1893, relieved Rear-Admiral Weaver as President of Naval Examining and Retiring Boards." Captain Meade is the

author of a pamphlet on Boat Exercise, a compilation on Naval Construction, and has translated several professional pamphlets from the French to the English language. He has also contributed numerous articles to the leading magazines, professional and other journals of the country on various subjects.

Charles C. Carpenter.—Born in Massachusetts. Appointed *Midshipman* from Massachusetts, October 1, 1850; attached to sloop "Portsmouth," Pacific Squadron, 1851–5; Naval Academy, 1855–6. Promoted to *Passed Midshipman*, June 20, 1856; steam frigates "Merrimac," "Roanoke," "Colorado," and brig "Dolphin," Home Squadron and special service, 1856–8; the last-named capturing the slave brig "Echo," with three hundred slaves on board; in receiving-ship at Boston, 1868–9. Commissioned as *Lieutenant*, January 23, 1858; steamer "Mohawk," coast of Cuba, 1859–60; capturing slaver "Wildfire," with five hundred slaves on board; steamer "Mohawk," Texas and East Gulf Blockade, 1861; steamer "Flag," South Atlantic Blockade, 1862; capturing steamers "Anglia" and "Emily." Commissioned as *Lieutenant-Commander*, July 16, 1862; iron-clad "Catskill," South Atlantic Blockading Squadron, 1863; attacks on defenses of Charleston, April 7, July 10, and August 17, 1863; Naval Academy, 1863–5; steam sloop "Hartford," flag-ship Asiatic Squadron, 1866–7; commanding steamer "Wyoming," same squadron, 1868; Navy Yard, Portsmouth, N. H., 1868–70. Commissioned as *Commander*, March, 1869; Navy Yard, Portsmouth, N. H., 1871; commanding "Nantasket" (third-rate), North Atlantic Station, 1871–2; equipment duty, Portsmouth, N. H., 1872–5; commanding "Huron" (third-rate), North Atlantic Squadron, 1875–6; Navy Yard, Portsmouth, N. H., 1878. Commissioned *Captain*, March 25, 1880; on equipment duty, Boston Yard, 1880–2; commanding U. S. steamer "Hartford," 1882-4; carried the English and American scientists from Callao to Caroline Atoll, to observe the total eclipse of the sun, in 1883; commanding U. S. receiving-ship "Wabash," 1888, to June, 1890; Captain of the Yard and commanding Navy Yard, Portsmouth, N. H., June, 1890 to January 15, 1894; Commissioned *Commodore*, May 15, 1893.

William A. Kirkland.—Born in North Carolina. Appointed from North Carolina, July 2, 1850; attached to sloop "Portsmouth" and frigate St. Lawrence," 1853–5; Pacific Squadron, 1851–3; Naval Academy, 1856. Promoted to *Passed Midshipman*, June 20, 1856; frigate "St. Lawrence," Brazil Squadron, 1856–7; sloop "Falmouth," Brazil Squadron, 1857–9. Commissioned as *Lieutenant*, March 18, 1858; store-ship "Release," Brazil Squadron, 1860; frigate "Congress," 1860; steamer "Pulaski," coast of Brazil, 1861–2. Commissioned as *Lieutenant-Commander*, July 16, 1862; 1862–3, sloop "Jamestown," China Station; steam-sloop "Wyoming," East India Squadron, 1863–4; commanded gunboat "Owasco," then to "Winnebago;" commanding iron-clad "Winnebago," Western Gulf Blockading Squadron, 1864–5; served under Acting Rear-Admiral Thatcher in the combined movements of the military and naval forces against the defences of the city of Mobile, which resulted in the capture of that place and the surrender of the rebel fleet; commanding steamer "Wasp," South Atlantic Squadron, 1866–70. Commissioned as *Commander*, 1869; commanding store-ship "Guard," special service, 1873; ordnance duty, 1874; commanding "Wasp," and South Atlantic Station, 1875–6; commanding "Frolic" (fourth-rate), South Atlantic Station, 1876–7; commanding "Supply" (fourth-rate), special service, 1878; leave of absence, 1879–80; commanding "Shenandoah," South Atlantic Station, 1881–2. Promoted to *Captain*, April, 1880; Navy Yard, Norfolk, 1883; commanding receiving-ship "Col-

orado," 1883–4; Navy Yard, New York, 1885–6 (from October, 1884, to January, 1885, in command); commanding receiving-ship "Vermont," 1887–9; Supervisor of Harbor, New York, from October, 1889, to July, 1891; commandant Navy Yard, League Island, July, 1891. Commissioned *Commodore*, June 27, 1893.

Edward E. Potter.—Born in New York. Appointed from Illinois, February 5, 1850; attached to sloop "Decatur," Home Squadron, 1852; frigate "Constitution," coast of Africa, 1853–5; Naval Academy, 1856. Promoted to *Passed Midshipman*, June 20, 1856; frigate "St. Lawrence," coast of Brazil, 1857–9. Commissioned as *Lieutenant*, July 9, 1858; steam-frigate "Niagara," May 9, 1860; conveyed the first Japanese Embassy to their home; on return in April, 1861, found the War of the Rebellion had fairly commenced; detached from "Niagara;" ordered to "Wissahickon," and in her passed Forts Jackson and St. Philip, etc., etc.; frigate "Franklin," 1867–8, was the flag-ship of Admiral Farragut; during the cruise of the "Shawmut," ascended the River Orinoco to Ciudad Bolivar, and recovered from revolutionists two steamers belonging to an American Company; the "Shawmut" was the second United States man-of-war to visit Ciudad Bolivar; in 1880, commanded the U. S. S. "Constellation," taking supplies to suffering Ireland. Promoted to *Captain*, July 11, 1880; Brooklyn Navy Yard, 1881–2–3; November, 1883, in command of U. S. S. "Lancaster;" on European Station until May, 1885; then ship attached to South Atlantic Station; commanded the station from December, 1885, until detached and ordered home in September, 1886; in December, 1886, ordered to command League Island Navy Yard, and on May 31, detached and ordered as Governor of the United States Naval Home. April 1, 1891, detached and ordered to command United States receiving-ship "Minnesota." In January, 1893, was ordered to Navy Yard, Norfolk, and from there, in fall of 1893, was ordered as Governor of Naval Home, Philadelphia, with rank of *Commodore*.

COMMODORES ON THE RETIRED LIST.

Retired after forty-five years' service or on attaining the age of sixty-two years.

Louis C. Sartori—Born in New Jersey. Appointed from New Jersey, February 2, 1829; attached to ship "Warren" and schooner "Enterprise," Brazil Station, 1831–3; frigate "Constellation," Mediterranean Squadron, 1834; frigate "Constellation," West Indies, 1835; ship "Natchez," West Indies, 1836–7. Promoted to *Passed Midshipman*, June 14, 1837; Navy Yard, Philadelphia, 1838; frigate "Constitution," Pacific Squadron, 1839–41. Commissioned as *Lieutenant*, September 8, 1841; receiving-ship "North Carolina," New York, 1842; receiving-ship "Philadelphia," 1843; ship "Plymouth," Mediterranean and Brazil Squadron, 1845–6; bomb-schooner "Stromboli," Mexican War, 1847–8; at the capture of Tobasco; Mediterranean Squadron, 1849–52; on board steamer "Alleghany," frigates "Constitution" and "Independence;" receiving-ship "Pennsylvania," Norfolk, 1853; Naval Asylum, Philadelphia, 1853–4; ship "John Adams," Pacific Squadron, 1855–6; commanded expedition and engagement against the Fejees, 1855; Navy Yard, Philadelphia, 1857–8; commanding steamer "Water-Witch," West Indies, 1859–60. Commissioned as *Commander*, April 7, 1861; commanding steamer "Flag," Blockading Squadron, 1861; commanding receiving-ship "Ohio," Boston, 1862; commanding steamer "Flor-

ida," North Atlantic Squadron, 1862; commanding ship "Portsmouth," West Gulf Squadron, 1863; commanding "Monongahela" and "Oneida," off Mobile, 1864; commanding steamer "Agawam," North Atlantic Squadron, 1866. Commissioned as *Captain*, September 26, 1866; commanding steamer "Ossipee," Pacific Squadron, 1868-9; commanding steamers "Saranac" and "Lackawanna," 1870; commanding naval rendezvous, San Francisco, 1871–2; Navy Yard, Mare Island, 1872–3. Commissioned as *Commodore*, December 12, 1873. Retired, June, 1874.

Albert G. Clary.—Born in Massachusetts. Appointed from Massachusetts, May 8, 1832; attached to sloop "Vincennes," Pacific Squadron, 1834–6; Naval School, New York, 1837. Promoted to *Passed Midshipman*, July 8, 1839; sloop "Marion," Brazil Squadron, 1839–42; receiving-ship, "Boston," 1843–5. Commissioned as *Lieutenant*, April 11, 1845; sloop "Preble," Home Squadron, during the war with Mexico, at Tuspan and Tobasco; sloop "Preble," Pacific Squadron, 1847–50; receiving-ship, "Boston," 1852; sloop "Marion," coast of Africa, 1853; frigate "Constitution," coast of Africa, 1854–5; Navy Yard, Portsmouth, N. H., 1856–7; steam-frigate "Minnesota," East India Squadron, 1858–9; steam-frigate "Colorado, 1861; commanding steamer "Anacostia," Potomac Flotilla, 1871; engagement at Aquia Creek, May 31 and June 1, 1861; battle of Port Royal, November 7, 1861. Commissioned as *Commander*, July 16, 1862; commanding steamer "Mount Vernon," North Atlantic Blockading Squadron, 1862; commanding steamer "Tioga," West India Squadron, 1863; commanding steam-sloop "Dacotah," North Atlantic Blockading Squadron, 1864; commanding steam-sloop "Seminole," West Gulf Blockading Squadron, 1864–5; commanding receiving-ship, "Norfolk," 1866. Commissioned as *Captain*, November 21, 1866; commanding "Dictator," 1870–2. Commissioned as *Commodore*, 1873. Retired, 1874.

William E. Hopkins.—Born in Virginia. Appointed from Virginia, November 13, 1839; attached to sloop "Vandalia," Home Squadron, 1841–43; Naval School, Philadelphia, 1845. Promoted to *Passed Midshipman*, July 2, 1845; frigate "Cumberland," 1847; schooner "Falcon," Home Squadron, 1848–9; Coast Survey, 1850–1; sloop "Marion," coast of Africa, 1851–5. Promoted to *Master*, December 2, 1853. Commissioned as *Lieutenant*, July 10, 1854; receiving-ship "Philadelphia," 1856–8; sloop "Macedonian," Mediterranean Squadron, 1859–60; sloop "Preble," 1861. Commissioned as *Lieutenant-Commander*, July 16, 1862; rendezvous, Philadelphia, 1862; commanding steamer "Saginaw," Pacific Squadron, 1863–5. Commissioned as *Commander*, November 4, 1863; commanding steamer "Shamrock," European Squadron, 1866–7; League Island, Pennsylvania, 1868. Commissioned as *Captain*, June, 1870; Navy Yard, Mare Island, California, 1870–2; commanding "Benicia" (third-rate), North Pacific Station, 1872–5; commanding receiving-ship "Independence," Mare Island, 1877–8. Promoted to *Commodore*, December 11; commanding Naval Station, New London, 1881–2. Retired, January, 1883.

Oscar C. Badger.—Born in Connecticut. Appointed from Pennsylvania, September 9, 1841; attached to razee "Independence," Home Squadron, 1841–2; sloop "Saratoga," coast of Africa, 1843–4; was in landing party from the "Saratoga," and took part in the destruction of the Bereby villages, 1843; steamer "Mississippi," Gulf Squadron, during Mexican War; at attack on Alvarado, 1846; frigate "Brandywine" and brig "Perry," Brazil Squadron, 1847–9. Promoted to *Passed Midshipman*, August 10, 1847; store-ship "Supply," Pacific Squadron, 1850; frigate "Savannah,"

Pacific Squadron, 1850; sloop "Vincennes," Pacific Squadron, as navigator, 1851–2; Naval Observatory, Washington, 1853–4. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 15, 1855; sloop "John Adams," Pacific Squadron, 1855–6, as navigator—while attached to this vessel, commanded a party which attacked and destroyed the village of Vutia, Feejee Islands; engaged in skirmishes with the Feejeeans, on other occasions; ordnance-ship "Plymouth," 1858; sloop "Macedonian," Mediterranean Squadron, 1858–60; steam-frigate "Minnesota," and Navy Yard, Washington, 1861; commanding steamer "Anacostia," Potomac Flotilla 1861–2; attack on Cock-pit Point battery, January 2, 1862—was favorably mentioned, in dispatches from the commander of the flotilla, on this occasion; attack on Aquia Creek batteries, March, 1862, and engaged in a number of other attacks on Potomac River batteries the same year; while in command of the "Anacostia," was engaged in the siege of Yorktown, Virginia, and defences at Gloucester Point. Commissioned as *Lieutenant-Commander*, July 16, 1862; Ordnance-Officer in charge of arming gunboats building on Western rivers, 1862–3; South Atlantic Blockading Squadron, 1863; engaged in the attack on Morris Island batteries, July 11, 1863; commanded the iron-clad "Patapsco," in the attack on Fort Wagner, July 18, 1863, and on Forts Wagner, Gregg, and Sumter, August 17, 1863; commanded the iron-clad "Montauk," in a night attack on Fort Sumter, August 22, 1863. Appointed *Fleet-Captain* of South Atlantic Blockading Squadron, and was in the flag-ship "Weehawken" (iron-clad), in that capacity in an attack on Fort Sumter on the night of September 1, 1863, and was severely wounded, his right leg being shattered by a metallic splinter; favorably mentioned in the despatches by the Rear-Admiral commanding the squadron for services during these operations; ordnance duty, Navy Yard, Philadelphia, and Inspector of Cannon, Pittsburg, 1864–6. Commissioned as *Commander*, July 25, 1866; commanding steamer "Peoria," North Atlantic Squadron, 1866–7; received vote of thanks from the legislative assemblies of the islands of Antigua and Saint Kitts, for services rendered by his command to the authorities, and to the sufferers by the great fire which destroyed the city of Basse Terre, July 4, 1867; equipment duty, Navy Yard, Portsmouth, N. H., 1868–70; commanding steam-sloop "Ticonderoga," South Atlantic Fleet, 1871–3. Commissioned as *Captain*, November 25, 1872; commanding receiving-ship "Ohio," 1873–4; Navy Yard, Washington, 1875–8; commanding frigate "Constitution," special service, 1878–9. Special duty, revision of ship's allowance books, Washington, 1880; Naval Asylum, Philadelphia, 1881. Promoted to *Commodore*, November, 1881; member of Examining Board, 1881; commandant Navy Yard, Boston, 1881–5. Retired, August, 1885, being at that date sixty-two years of age.

William P. McCann.—Born in Kentucky, May 4, 1830. Appointed from Kentucky, November, 1848; attached to frigate "Raritan," flag-ship of Home Squadron, November 8, 1848, to May 1, 1850; cruise in West Indies and Gulf of Mexico; again attached to "Raritan," flag-ship of Pacific Squadron, June 27, 1850, to February 2, 1853; cruise in South Pacific; "Columbia," flag-ship of Home Squadron, May 4 to October 24, 1853; Naval Academy, October 24, 1853, to June 15, 1854. Promoted to *Passed Midshipman*, June 15, 1854; frigate "Independence," flag-ship Pacific Squadron, August, 1854, to November 15, 1857; cruise of thirty-nine months in North and South Pacific, Polynesia, and Sandwich Islands. Commissioned as *Lieutenant* from September 16, 1855; receiving-ship "Alleghany," January 23 to August 3, 1858; Lieutenant and Navigator of frigate

"Sabine," flag ship of Brazil Squadron and Paraguay Expedition, August 14, 1858, to May 9, 1859; visiting Bermuda Islands and Montevideo; again ordered to "Sabine," cruising in West Indies and Gulf of Mexico, August, 1859, to July 4, 1861; at Vera Cruz on the breaking out of the Rebellion at Pensacola, reinforced Fort Pickens with sailors and marines, April 14 to 15, 1861; remained off the fort one hundred and twenty-seven days, and in June assisted in landing additional reinforcements under Colonel Harvey Brown; again attached to "Sabine, August 30, 1861, to January, 1862; blockading on the coast of South Carolina; rescued a battalion of marines of Port Royal Expedition and crew of the transport steamer "Governor," which vessel foundered; ordered to command, temporarily, gunboat "Maratanza" at siege of Yorktown, April, 1862; had several engagements with the batteries there and at Gloucester Point; May 4, enemy evacuating Yorktown, "Maratanza" moved up the York and Pamunkey Rivers, co-operating with the Army of the Potomac; was relieved by Commander Stevens, remained as Executive Officer; at West Point, Va., May 9, 1862, drove off a rebel battery attacking Franklin's corps; led reconnoitering expedition on York River and Richmond Railroad and on the right bank of the Pamunkey; with the army at Malvern Hill, on the James River, had frequent engagements during the guerrilla warfare in the James and Appomattox Rivers, at Point of Rocks and City Point; July 4, captured rebel gunboat "Teazer," with plans of batteries, torpedoes, and defenses of Richmond; recaptured thirty-six wounded officers and men of the army, captured several blockade-runners on the Potomac, and co-operating with the army at Aquia Creek. Commissioned as *Lieutenant-Commander,* July 16, 1862; "Maratanza," blockading Cape Fear River, having driven off working parties from batteries near Fort Caswell, was attacked by a battery of Whitworth guns, having one officer and one petty officer killed, and seven men wounded; ordered to command the "Hunchback," in sounds of North Carolina, October 1, 1862; March 14, 1863, battle at Newbern with the forces of Hill and Pettigrew, which attacked Camp Anderson and the "Hunchback;" they had eighteen pieces of artillery and several thousand infantry. After an action of an hour and a half, she succeeded in silencing the guns and compelling the army to withdraw. Commander Murray in his official report said, "The firing of the 'Hunchback' was excellent, and the manner in which Lieutenant-Commander McCann handled the battery which the enemy unmasked upon him in the morning was as gratifying to us, and as creditable to himself, as it must have been mortifying and vexatious to the enemy." April, 1863, during the siege of Washington, N. C., had command of five gunboats, with which he frequently engaged and silenced the batteries at Hill's and Swain's Point, on the Pamlico, and assisted in sending reinforcements and supplies to the garrison and gunboats at Washington; September 6, left the sounds with the "Hunchback," which was laid up at Norfolk for repairs; November, 1863, was ordered to command the "Kennebec," West Gulf Blockading Squadron, then commanded by Admiral Thatcher, and soon after by Admiral Farragut; had thirteen months' active service blockading Mobile, and participating in several engagements with the batteries and Fort Morgan, while attacking stranded blockade-runners. She was mentioned by Admiral Farragut in a congratulatory order to the fleet on the occasion of the destruction of the "Ivanhoe," under the guns of Battery G and Fort Morgan. Captured at sea three blockade-runners loaded with cotton,—the "Marshall I. Smith," steamer "Grey Jacket," and the "John Scott," with forty-five blockade-runners and rebel officers,—the vessels and cargoes sold for half a million of

dollars; battle of Mobile Bay, August 5, 1864. The "Kennebec" was lashed to the "Monongahela," fifth in line of battle, and in that position entered the bay, engaging the vessels and forts; while ramming the iron-clad "Tennessee" at full speed with the "Monongahela," she had several officers and men wounded, one of the latter mortally, by a shell from the "Tennessee," when the vessels were touching. After the collision the "Tennessee's" boat's, davits and falls were left on the port anchor, and the wreck of her boat across the "Kennebec's" stern; after this, a 10-inch shell from Fort Morgan passed through the "Kennebec's" quarter, the splinters knocking down a man at the engine bell. At night she pursued and attacked the "Morgan," that had eluded the fleet below, and escaped by getting into shoal water at Dog River Bar. December, 1864, detached from "Kennebec;" command of "Tahoma," February to August, 1865; disabled in a gale in Gulf Stream, returned to Norfolk, and thence to Boston; Naval Academy, 1866; command of "Tallapoosa," West Gulf Squadron, March, 1866, to January 5, 1867; Naval rendezvous, Philadelphia, 1867–8; Navy Yard, Philadelphia, 1869–70; Inspector of Lights, Eighth District, October, 1870, to September, 1871; commanding "Nipsic," North Atlantic Squadron, October 1, 1871, to August 27, 1872. July 2, 1872, commissioned *Commander*, from July 25, 1866; advanced sixteen numbers; Navy Yard, Norfolk, January 20 to September 12, 1873; Inspector, Eleventh Light-House District, October 1, 1873, to November 1, 1876. Promoted to *Captain*, from September 21, 1876; command of "Lackawanna," Pacific Station, March 1, 1877, to January 23, 1878; commanding receiving-ship "Independence," California, from April 10, 1879, to June 18, 1881; commander of flag-ship "Pensacola," Pacific Station, from June 18, 1881, to August 1, 1882; court-martial duty at Washington, Hong Kong, China, Panama, and Boston, 1883; member of Light-House Board, December 16, 1883, to August 2, 1887; in addition, President of the Naval Advisory Board, from November 4, 1885, to June 1, 1887. Promoted to *Commodore*, January 26, 1887; commandant Boston Naval Station, from June 1, 1887, to August, 1890; in addition, President of Navy Yard Site Commission, South Atlantic and Gulf of Mexico Coasts, and President of a Board on the policy for the increase of the Navy.

Commanding South Atlantic Station, August, 1890, to August, 1891; President Examining and Retiring Boards, August, 1891, to May, 1892, when he was placed on the retired list.

James H. Gillis.—Born in Pennsylvania, May 14, 1831. Appointed from same State, October 12, 1848; attached to frigate "Raritan," Home Squadron, 1849–50; sloop "Dale," coast of Africa, 1851–3; Naval Academy, 1854. Promoted to *Passed Midshipman*, June 15, 1854; sloop "John Adams," Pacific Squadron, 1854–5. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 17, 1855; Coast Survey, 1856–7; store-ship "Supply," Pacific Squadron, 1857–9; sloop "Germantown," coast of Africa, 1859. While attached to the store-ship "Supply," then lying in the harbor of Montevideo, during the prevalence of a terrific pampero, rescued the captain and three of the crew of a vessel that had foundered outside of the harbor, for which he was made an honorary member of several societies in Montevideo, and received the thanks of the Argentine Minister. Steamer "Water-Witch," Home Squadron, 1860; frigate "St. Lawrence," Atlantic Squadron, 1861; sinking of rebel privateer "Petrel," July, 1861; steam-frigate "Susquehanna," Mediterranean Squadron, 1861; South Atlantic Blockading Squadron, 1862; was ambushed at Slaum's Bluff by a battery and two regiments of infantry, after the capture of a rebel battery at the

junction of the Dawho and South Edisto Rivers, but drove them off, for which he received a commendatory letter from the Secretary of the Navy. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanded steamer "Com. Morris," South Atlantic Blockading Squadron, 1862–3; battle of Jamestown Island, South Carolina, June, 1862; North Atlantic Blockading Squadron, 1863–4; engagement with rebel battery at Taylor's Landing, Pamunky River, April 16, 1863; commanded the "Elk," West Gulf Blockading Squadron, 1864; went to the assistance of Admiral Porter's fleet, when he was up Red River with the Banks' Expedition; commanding iron-clad "Milwaukee," West Gulf Blockading Squadron, 1864–5; engagement with Spanish Fort, Mobile Bay, March 28, 1865, at which time the "Milwaukee" was sunk by a rebel torpedo; commanded naval battery on shore at the siege of Spanish Fort, after the sinking of the "Milwaukee," until the fall of that work; commanded the "Monongahela" and "Scioto," West Gulf Blockading Squadron. Commissioned as *Commander*, July 25, 1866; commanded steamer "Wateree," South Pacific Squadron, 1867–8; the "Wateree" was carried half a mile inland by a tidal-wave at Arica. Commander Gillis received the thanks of the English Government for assistance rendered British subjects during the time of the earthquake in Arica, in 1868; equipment duty, Washington, 1869–71; commanding "Mahopac" (iron-clad), N. A. Fleet, 1872; commanding "Michigan" (fourth-rate), 1873–6. Commissioned as *Captain*, September 30, 1876; equipment duty, New York, 1876–8; commanding R. S. "Franklin," 1878–80; commanding "Lackawanna," Pacific Station, 1880–2; commanding training-ship "Minnesota," 1883–4; special duty, 1886. Promoted to *Commodore*, January, 1887. Commanding S. A. Station as *Acting Rear-Admiral*, October, 1888–90; Member Light-House Board, July, 1892, to May, 1893, when he was retired.

Retired on their own application after forty years' service.

Somerville Nicholson.—Born in New York, January 1, 1822. Appointed *Midshipman* from New York, June 21, 1839; attached to frigate "Brandywine," Mediterranean Squadron, 1839–42; brig "Truxton," 1843–4; Naval School, Philadelphia, 1845. Promoted to *Passed Midshipman*, July 2, 1845; Coast Survey, 1845–6–7; steamer "Alleghany," Brazil Squadron, 1848–9; Coast Survey, 1849–52; steam-frigate "Powhatan," East India Squadron, 1852–4. Promoted to *Master*, September 9, 1853. Commissioned as *Lieutenant*, May 5, 1854; steam-frigate "Mississippi," East India Squadron, 1855; ordnance duty, Washington, 1856–7; sloop "Cumberland," coast of Africa, 1858–9; sloop "Macedonian," Home Squadron, 1860–1; commanding steam gunboat "Marblehead," South Atlantic Blockading Squadron, 1862. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding iron-clad "Sangamon," 1863. Commissioned as *Commander*, January 2, 1863; commanding steamer "State of Georgia," North Atlantic Blockading Squadron, 1864; commanding steamer "Galatea," West India Squadron, 1865; special duty, Navy Yard, Washington, 1866–8; member of Ordnance Board, 1869; commanding steam-sloop, "Benicia," Asiatic Fleet, 1869–70. Commissioned as *Captain*, June, 1870; commanding "Lancaster" (second-rate), South Atlantic Squadron, 1872–3. Promoted to *Commodore*, January, 1880. Retired, April, 1881.

William Kennon Mayo.—Born at Drummondtown, Virginia. Appointed *Midshipman* from Virginia, October, 18, 1841; began naval service on the "Pennsylvania," 120, at Norfolk, Virginia, in November, 1841; joined the flag-ship "United States" (frigate), Pacific Squadron, November

19, 1841, and transferred to the "Cyane," February, 1843; at the capitulation of Monterey, in charge of the boats of the landing party; November, 1844, ordered to the sloop "St. Mary's," of the Texas Annexation Squadron; served in her during the entire war with Mexico; blockade of Tampico and Vera Cruz; bombardment of forts at the mouth of Tampico River; attempt to cut out three gunboats in Tampico River; planting of and service at the Naval Battery, Vera Cruz; fall of Vera Cruz and Tampico; September, 1847, ordered to be a pupil of the Naval School; passed examination July 14, 1848. Warranted *Passed Midshipman*, August 10, 1847; during July, 1848, ordered to the frigate "St. Lawrence," European seas; March, 1851, ordnance duty at Norfolk, Va.; July, 1851, ordered to the brig "Dolphin," on special service to make scientific observations in the North Atlantic, surveys, etc.; commended as an accurate and critical navigator (Senate Doc., "Cruise of the Dolphin"); July, 1852, ordered to the steam-frigate "Saranac," on special service, to Brazil; commended by the Department, May, 1853; during July, 1853, ordered to the Coast Survey, and in November of the same year, to the sloop "Cyane," detailed from the Home Squadron for the use of Lieutenant J. G. Strain's party for the exploration of a canal route from the Atlantic to the Pacific Ocean, over the Ithmus of Darien; member of the United States party that made the *first* topographic reconnoissance about, and the first complete hydrographic survey of the Bay of Sassardic or Caledonia Bay, and member of the party that sought Strain in the wilderness; June, 1854, ordered to the Coast Survey; October, 1854, ordered to the Naval Academy, in Executive Department, and as Instructor in Seamanship, Naval Tactics and Gunnery, with promotion to *Acting Master;* cruise of the Practice ship, 1855; special commendation (Report of Secretary of the Navy, 1855, page 76); author of MS. "System of Naval Tactics and Fleet Sailing," taught at the Academy, the only one used. Promoted *Master*, September 14, 1855. Commissioned *Lieutenant*, September 15, 1855; May, 1857, joined the steam-frigate "Minnesota," which sailed on a special diplomatic mission to Asia; September, 1859, ordered to the Naval Academy, as Instructor in Ethics, etc.; February, 1860, ordered to Norfolk, "Pennsylvania," 120; December, 1860, to the sloop "St. Mary's" of the Pacific Fleet; ordered East, January, 1862, and assigned the Executive-Officer of the new steam-sloop "Housatonic," blockade of Charleston, S. C. Commissioned *Lieutenant-Commander*, July 16, 1862; in command of the gunboat "Kanawha," Western Gulf Squadron, November, 1862; engagement with riflemen and field batteries, Mobile Point; fight with Fort Morgan, on October 12, 1863; commended for gallantry, etc. (Report of Secretary of the Navy, 1864, page 478); capture of six schooners; directed capture of three steamers; detached from the "Kanawha," November, 1863; in February, 1864, special (iron-clad) duty in New York City; May, 1864, took a draft of contrabands to the Pacific Fleet, at Panama, New Granada; July, 1864, under direct orders from the Department, took command of the monitor "Nahant," in front of Charleston, S. C.; July, 1864, discovered that the port of Charleston was not closed to commerce; this led to a more vigorous system of picket duty, by which nine trading steamers were run ashore in seven months; affairs with Fort Moultrie as episodes of picket duty; fall of Charleston, February, 1865; general commendation as an iron-clad commander (see Secretary of Navy's Report, 1864, page 11); March, 1865, Ordnance Officer of the South Atlantic Blockading Fleet, and command of Bay Point Depot until May, 1866. Commissioned *Commander*, July 25, 1866, under the operation of the proviso of the first section of the

statute; from November, 1866 to May, 1869, on navigation duty at Boston, Mass.; inventor of the Naval Standard Binnacles, type of January, 1869; commanding steam-sloop "Tuscarora," North Atlantic Fleet, 1870; commanding "Congress" (second-rate), North Atlantic Fleet, 1870–1; commanding "Omaha" (second-rate), North Pacific Station, 1872–4. Commissioned as *Captain*, December 12, 1873. Commanding "Hartford," South Atlantic Station, 1877–9; leave of absence, 1880; Navy Yard, Norfolk, 1881–2. Promoted to *Commodore*, July, 1882; Commandant Navy Yard, Norfolk, 1882–5. Retired, 1886.

Retired from incapacity resulting from long and faithful service.

William D. Whiting.—Born in Massachusetts, May 27, 1823. Appointed "at large," March 1, 1841; attached to sloop "Cyane," Pacific Squadron, 1841–4; line-of-battle ship "Columbus," East India Squadron, 1845–6; sloop "Levant," 1846–7; Naval School, 1847–8. Promoted to *Passed Midshipman*, August 10, 1847; sloop "Marion," East India Squadron, 1849–52; Naval Observatory, Washington, 1853; Coast Survey, 1854–57. Promoted to *Master*, 1855. Commissioned as *Lieutenant*, September 14, 1855; frigate "Niagara," laying off Atlantic Cable, 1857; sloop "Marion," coast of Africa, 1858–60; Executive Officer, sloop "Vandalia," at capture of Port Royal, 1861; commanding steamer "Wyandotte," South Atlantic Squadron and Potomac Flotilla, 1862. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-gunboat "Ottawa," South Atlantic Blockading Squadron, 1863; attack and capture of lower end of Morris Island; attacks on Fort Wagner and Battery Gregg, and bombardment up to the time of their evacuation; commanding school-ship "Savannah," 1864–65; commanding steamer "Tioga," coast of Maine and Gulf Squadron, 1866. Commissioned as *Commander*, July 25, 1866; Navy Yard, New York, 1867–9; commanding sloop "Saratoga," North Atlantic Squadron, 1869; commanding double-turret iron-clad "Miantonomah," 1870; Navy Yard, New York, 1871–2. Commissioned as *Captain*, August 19, 1872; commanding flag-ship "Worcester," North Atlantic Station, 1872–5; Naval Asylum, Philadelphia, 1876–8; Chief Bureau of Navigation, 1878–81. Promoted to *Commodore*, October, 1881. Retired October 12, 1881, from incapacity resulting from long and faithful service.

Retired in conformity with act of February 28, 1855, *and its amendments.*

Henry Bruce.—Born in Massachusetts. Appointed from Massachusetts, November 9, 1813. Commissioned as *Lieutenant*, January 13, 1825; receiving-ship "Boston," 1827; frigate "Brandywine," Mediterranean Squadron, 1837; Navy Yard, Boston, 1840. Commissioned as *Commander*, September 8, 1841; commanding brig "Truxton," coast of Africa, 1845; commanding rendezvous, Boston, 1848–50. Commissioned as *Commodore*, July 16, 1862. Retired in 1867.

CAPTAINS ON THE ACTIVE LIST.

Lester A. Beardslee.—Born in Little Falls, New York, February 1, 1836. Appointed *Acting Midshipman*, March 5, 1850; sloop "Plymouth," East Indies, May, 1851, to January, 1855; participated in one battle and several skirmishes with Chinese Army at Shanghai; Naval Academy, October, 1855, to June, 1856. Promoted to *Passed Midshipman*, June 20, 1856; steam-frigate "Merrimac," special service, 1856–7; sloop "Germantown," East India Squadron, 1857–60. Promoted to *Master*, January 22, 1858. Promoted to *Lieutenant*, July 23, 1859; sloop "Saratoga," coast of Africa, 1860–3. Promoted to *Lieutenant-Commander*, July 16, 1862; monitor "Nantucket," North Atlantic Squadron, January to May, 1863; participated in attack of the iron-clad fleet on the defences of Charleston Harbor, April 7, 1863; steam-sloop "Wachusett," special service on coast of Brazil, cruising for rebel privateers, October, 1863, to January, 1865; participated in capture of rebel steamer "Florida," at Bahai, by "Wachusett," October, 1864; commanded prize steamer "Florida," from October, 1864, and brought her to Hampton Roads, Virginia; steam-sloop "Connecticut," special service, West Indies, 1865; commanded steam-gunboat "Aroostook," 1867–8, taking her to East India Squadron from Philadelphia; commanded steamer "Saginaw," Pacific Squadron, October, 1868; executive of steam-sloop "Lackawanna," Pacific Squadron, 1868–9. Commissioned as *Commander*, June 12, 1869; Hydrographic Office, Navy Department, 1869–70; steam-tug "Palos," April, 1870, to January, 1871; took her to East Indies; Hydrographic Office, January, 1871–2; Navy Yard, Washington, May, 1872, to April 1, 1875; member of United States Board for testing iron, steel, and other metals, April, 1875, to April 1879; commanding sloop "Jamestown," Alaska, April, 1879, to October, 1880. Promoted to *Captain*, November, 1880; leave of absence, 1882–3; commanding receiving-ship "Franklin," 1883–4; commanding steam-frigate "Powhatan," June, 1884, to June, 1886; Torpedo Station, 1887; waiting orders, 1888; commanding receiving-ship "Vermont," July 1888–89, to November, 1891; commanding Naval Station, Port Royal, S. C., November, 1891, to date.

Thomas O. Selfridge, Jr.—Born in Boston, Massachusetts. Entered the Navy as *Cadet Midshipman*, October 3, 1851; graduated, June, 1853, at the head of his class, and as such was the first officer of the Navy to receive a diploma of graduation under the present organization of the Naval Academy. Served as *Midshipman* on board the frigate "Independence," Pacific Squadron, until September, 1856. Promoted to *Passed Midshipman*, November, 1856. Served as *Acting Master* in the Coast Survey until October, 1856, and as *Master* of the sloop-of-war "Vincennes" on the coast of Africa until April, 1860. Commissioned *Lieutenant*, February, 1860; ordered to the frigate "Cumberland," flag-ship of Home Squadron, in September, 1860; was present at the destruction of the Norfolk Navy Yard in April, 1861, and at the bombardment and capture of the Hatteras forts in September, 1861; volunteered for the command of a cutting-out expedition of boats from the "Cumberland," at Newport News, February, 1862; was Second Lieutenant of the "Cumberland," and in command of the gun-deck battery, March 8, 1862, in the fight between the "Merrimac" and "Cumberland," in which the "Cumberland" went down with her flag flying; saved himself by jumping from a port as the ship sunk,

and swimming to a boat; ordered to the command of the "Monitor," after the wounding of Captain Worden; served as *Flag Lieutenant* of the North Atlantic Fleet; present at the recapture of Norfolk, and engaged in destroying rebel defences in the waters of Virginia until June, 1862; detached, and volunteered for command of the submarine torpedo-boat "Alligator," destined for service against the "Merrimac," No. 2. The "Alligator," proving a failure for want of speed, was assigned to duty in the Mississippi Squadron. Commissioned a *Lieutenant-Commander* in July, 1862; was given the command of the iron-clad "Cairo," December 12, 1862; while in command of a flotilla of gunboats, forcing the passage of the Yazoo, was blown up by a torpedo; was then assigned command of the gunboats "Conestoga" and "Manitou;" commanded a battery in the siege of Vicksburg, manned by guns and men from the "Manitou;" in command of a flotilla of gunboats after the capture of Vicksburg; passed up the Red and Tensas Rivers, and captured the large steamer "Louisville;" while in command of the "Conestoga" was engaged in many skirmishes with guerrillas and small batteries obstructing the navigation of the Mississippi River; was sunk March 8, 1863, in the "Conestoga" by collision with the ram "General Price;" was assigned to the command of the iron-clad "Osage" in the Red River expedition, and while bringing up the rear on its return, in company with the gunboat "Lexington," and while aground, was attacked by a battery and a brigade of dismounted cavalry, near Pleasant Hill crossing, and defeated them, with the loss of their General (Green) and four hundred killed and wounded. After the Red River expedition, he was assigned to the command of the "Vindicator" and the fifth division of the Mississippi fleet, between Vicksburg and Natchez; was selected by Admiral Porter to accompany him to the East, and assigned to the command of the gunboat "Huron," in which he took part in the two bombardments of Fort Fisher, and volunteered for and commanded the third division of the assaulting columns of sailors and marines; took part in the bombardment of Fort Anderson, Cape Fear River, and subsequent capture of Wilmington; was three times recommended for promotion by Admiral Porter, and was selected for a promotion of thirty numbers by the Board of Admirals assembled at Washington at the close of the war; ordered to Naval Academy in 1865; commanded the frigate "Macedonian" in practice cruise, 1867–8; ordered, 1868, to the command of the "Nipsic" (fourth-rate), West India Squadron. Commissioned as *Commander*, December, 1869; was selected to take charge of the expedition for the surveys of the Isthmus of Darien for an inter-oceanic canal in 1869, having under command the "Guard," "Penobscot," "Nyack," and "Resaca;" was engaged in these surveys till 1874, and explored and reported upon all the country south of Panama to the head-waters of the Atrato River, South America; Navy Yard, Boston, 1877–8; in 1878 was selected to make a survey of the Amazon and Madeira Rivers, South America; ascended these rivers in the "Enterprise" (fourth-rate), 1300 miles; completed the survey and returned to the United States, October, 1878; in command of the "Enterprise," European Squadron, 1879–80; was invited as special delegate by Ferdinand de Lesseps to International Canal Congress in May, 1879, at Paris; was presented by the French Government with the Decoration of the Legion of Honor, in recognition of the work performed in the survey of the Ithmus of Darien, and made an honorary member of the Royal Geographical Society at Belgium; in charge of the Torpedo Station, Newport, Rhode Island, 1880–4; commander "Omaha" (second-rate), Asiatic Squadron, 1885–7; was tried by court-martial for alleged carelessness and

neglect of duty in conducting target practice on the coast of Japan, and wholly and honorably acquitted by the court, June, 1888; member Board of Inspection, September, 1889, to May, 1890; commanding Navy Yard, Boston, May, 1890, to July, 1893. At present waiting orders.

Joseph N. Miller.—Born in Springfield, Ohio, November 22, 1836. Appointed *Acting Midshipman*, at Naval Academy, Annapolis, Md., October 1, 1851; Naval Academy until June, 1854; passed the graduating examination, and was given diploma No. 3 of class; "Independence," Pacific Station, September, 1854–6 Passed examination and was promoted to *Passed Midshipman*, November 22, 1856; Naval Academy as Assistant Instructor, February, 1857, to October, 1858. Warranted as *Master*, January 22, 1858; sloop "Preble," October, 1858, to September, 1860, in the Paraquay Expedition and on the Home Station; was Executive-Officer of chartered steamer "Indianola," at the capture of the Mexican steamer "General Miramon," at Vera Cruz, on March 6, 1860. Commissioned as a *Lieutenant*, February 19, 1860; Naval Academy as an Assistant-Instructor, September, 1860, to April, 1861; brig "Perry," May to November, 1861, on blockading duty on the Atlantic Coast; the "Perry" captured the privateer "Savannah," which held Letter of Marque No. 1; also captured several other prizes which were condemned; steamer "Cambridge," November, 1861, to May, 1862, on blockade duty, mouth of the Chesapeake; the "Cambridge" towed the frigate "St. Lawrence" into action when the "Merrimac" engaged the fleet at Hampton Roads, March 8, 1862; Naval Academy, May to August, 1862, as Executive Officer of practice ship "John Adams." Commissioned as *Lieutenant-Commander*, July, 1862; iron-clad steamer "Passaic," as Executive Officer, September, 1862, to June, 1863, on North Atlantic Blockading Squadron; the "Passaic" was engaged in an attack on Fort McAllister, March 3, 1863; was commended in official report by the commanding officer; engaged in the attack on Fort Sumter, of April 7, 1863, and was thanked officially by the commanding officer; special duty in New York in connection with iron-clads, June–September, 1863; "Sacramento" as Executive Officer, September–November, 1863; Executive Officer and in command of iron-clad steamers "Sangamon" and "Nahant," November, 1863, to July, 1864; on May 16, 1864, took part in command of the "Nahant," in an attack on Sumter; Executive Officer iron-clad steamer "Monadnock," September, 1864, to March, 1865; took part in both attacks on Fort Fisher, and was commended officially by commanding officer; Naval Academy as Head of Department, March, 1865, to September, 1867; commanded practice-ship "Marion," summer cruise of 1865; "Powhatan" as Executive-Officer, on Pacific and North Atlantic Stations, September, 1867, to January, 1870. Commissioned as a *Commander*, January 25, 1870; Pacific Squadron as Chief of Staff, and in command of "Ossipee," April, 1870, to November, 1872; Assistant Hydrographer, February to November, 1873; command of the iron-clad steamer "Ajax," November, 1873, to May, 1874; Assistant-Hydrographer, June, 1874, to August, 1875; command of "Tuscarora," August, 1875, to August, 1876, on Pacific Station; ran a line of deep-sea soundings from Honolulu to Brisbane, Australia; investigated and reported on state of affairs in Samoa; Assistant in Bureau of Yards and Docks, December, 1876, to March, 1877; Light-House Inspector of the Eleventh District, March, 1877, to October, 1880; special duty, Washington, October, 1880, to May, 1881. Commissioned as *Captain*, May 28, 1881; command of "Wabash," receiving-ship, Boston, May, 1881, to April, 1882; "Tennessee," commanding and Chief of Staff, May to August, 1882; member of "Jeannette" Court of Inquiry, Oc-

tober, 1882, to March, 1883; member of General Court-Martial on the loss of "Ashuelot," March–July, 1883; "Tennessee," commanding and Chief of Staff, September, 1883, to October, 1884; President Board of Inspection Foreign Vessels at New York, September, 1884, to April, 1885; command of "Wabash," receiving-ship, Boston, May, 1885, to May, 1888; Navy Yard, New York, Captain of the Yard, from April, 1888, to May, 1891; commanding U. S. steamship "Chicago," May, 1891, to November, 1892; commanding receiving-ship "Vermont," November, 1892, to date.

Montgomery Sicard.—Born in New York, September 30, 1836. Appointed from New York, October 1, 1851; Naval Academy, 1851–5; attached to frigate "Potomac," Home Squadron, 1855–6; steam-frigate "Wabash," Home Squadron, 1856–9. Promoted to *Master*, November 4, 1858. Commissioned as *Lieutenant*, 1861; steam-sloop "Dacotah," 1861; steam-sloop "Oneida," Western Gulf Squadron, 1862–3; bombardment and passage of Forts Jackson and St. Philip, and Chalmette batteries, and destruction of rebel flotilla and transports, April 24, 1862; passage of Vicksburg batteries, June, 1862; engagement with rebel ram "Arkansas," July, 1862. Commissioned as *Lieutenant-Commander*, July 16, 1862; steam-sloop "Ticonderoga," South Atlantic Blockading Squadron, 1864–5; two attacks on Fort Fisher, in December, 1864, and January, 1865; naval and land assault on Fort Fisher, January 15, 1865; bombardment of Fort Anderson, February, 1865; Naval Academy, 1866–8; steam-sloop "Pensacola," North Atlantic Squadron, 1868–9; commanding steamer "Saginaw," Pacific Fleet, 1869–71. Commissioned as *Commander*, 1870; ordnance duty, New York, 1871–2; ordnance duty, Washington, 1872–6; Bureau of Ordnance, 1877; commanding "Swatara," North Atlantic Station, 1878; special duty, Washington, 1879; Navy Yard, Boston, 1880; Chief of Bureau of Ordnance, 1881, to March, 1890. Promoted to *Captain*, August, 1881. President Steel Board, March, 1890, to October, 1891; commanding U. S. steamship "Miantonomah," October, 1891, to date.

E. O. Matthews.—Born in Maryland. Appointed from Missouri, October 2, 1851; Naval Academy, 1851–5; frigate "Potomac," Home Squadron, November, 1855, to May, 1856; sloop "Saratoga," Home Squadron, May, 1856, to January, 1858; sloop "Macedonian," Mediterranean Squadron, May, 1858, to July, 1860. Promoted to *Master*, November 4, 1858. Commissioned as *Lieutenant*, July, 1860; Naval Academy, as Instructor in Mathematics, October, 1860, to April, 1861; steam-frigate "Wabash," May, 1861, to November, 1861 (assisted in capture of forts at Hatteras Inlet); sick; Naval Academy, November, 1861, to October, 1862; Instructor in Seamanship. Commissioned as *Lieutenant-Commander*, July 16, 1862; October, 1862, to June, 1864, Head of Department of Gunnery, etc.; June, 1864, to July, 1865, South Atlantic Squadron, commanding "Sonoma," then constructing naval battery on Morris Island; commanded naval light artillery at Honey Hill, S. C., November 30, 1864; battles at Tulifinny Cross-Roads, December, 1864; staff of Admiral Dahlgren, January to July, 1865; apprentice-ship "Savannah," August, 1865; Naval Academy, November, 1865, to June 9, 1869, Department of Gunnery; Head of Torpedo Corps, June 9, 1869, to July 1, 1873. Promoted to *Commander*, May 4, 1870; commanding "Ashuelot," Asiatic Station, 1873–7; Inspector of Ordnance, Navy Yard, New York, April, 1878–81. Promoted to *Captain*, September 14, 1881; commanding "Powhatan" (special service), August, 1881, to February, 1883; commanding training-ship "New Hampshire," April, 1883, to July, 1884; member of Gun Foundry Board, May, 1883, to

March, 1885; commanding "Brooklyn," Asiatic Station, October, 1885, to October, 1887; Captain of Yard, Navy Yard, Boston, December 1, 1887, to May, 1890; commanding receiving-ship "Wabash," May, 1890, to August, 1891; member Board of Inspection and Survey, August, 1891, to date.

Charles S. Norton.—Born in New York. Appointed from New York to Naval Academy, October 3, 1851; graduated, June, 1855; attached to the frigates "Potomac" and "Wabash," Home Squadron, 1855–7. Promoted to *Passed Midshipman*, 1858; frigate "Wabash," European Squadron, 1858–59. Promoted to *Master*, 1858; steam-sloop "Seminole," Brazil Squadron, 1860–1. Promoted to *Lieutenant*, 1860; steamer "Seminole," on Charleston, S. C., blockade; Potomac Flotilla and Hampton Roads, Va., 1861–2; several engagements at Potomac River and Hampton Roads; battle of Port Royal, S. C. Promoted to *Lieutenant-Commander*, 1862; United States steamers "Maratanza," "R. R. Cuyler," "Fort Jackson," "Mercedita," North Atlantic Blockading Squadron, 1862–64; steamers "Lackawanna," "Richmond," and "Albatross," West Gulf Blockading Squadron, 1864–5; commanded "Maratanza," "Mercedita," and "Albatross," for various periods, serving constantly afloat during the entire war, except two months in the hospital from exposure on duty, and three months waiting orders; steamer "Shamrock," European Squadron," 1866–8; Portsmouth, N. H., Navy Yard, and receiving-ship "Vermont," New York Navy Yard, 1868–9; iron-clad duty, New Orleans, 1869–71. Promoted to *Commander*, 1870; Light-House Inspector, 1872–5; commanding sloop "Shawmut," and iron-clad "Passaic," North Atlantic Squadron, 1875–6; Torpedo Station, Newport, R. I., 1877; commanding receiving-ship "Passaic," Washington, D. C., 1877–8; Light-House Inspector, 1878–81; commanding receiving-ship "Independence," Mare Island, Cal., 1881–3. Promoted to *Captain*, 1881; commanding "Shenandoah," South Pacific, 1883–6; member Board of Inspection and Survey, 1886–9; Norfolk Navy Yard, 1889 to October, 1891; commanding receiving-ship "Vermont," October, 1891, to November, 1892; member Naval Examining and Retiring Board, November, 1892, to date.

Robert L. Phythian.—Born in New York. Appointed from New York, January 28, 1852; Naval Academy, 1852–6; attached to frigate "St. Lawrence," Brazil Squadron, 1857–9. Promoted to *Master*, 1859; sloop "Jamestown," 1861. Commissioned as *Lieutenant*, 1861; Naval Academy, 1862–3. Commissioned as *Lieutenant-Commander*, July 16, 1862; iron-clad "Lehigh," South Atlantic Blockading Squadron, 1863–4; iron-clad "New Ironsides," South Atlantic Blockading Squadron, 1864–5; Naval Academy, 1866–9. Commissioned as *Commander*, July 13, 1870; Chief-of-Staff, Pacific Squadron, 1870–2; Navy Yard, Boston, 1873–4; commanding Nautical School-ship "St. Mary's," 1875–8; special duty, 1879. Promoted to *Captain*, November, 1881; Navy Yard, Boston, 1882–3; commanding "Trenton," Asiatic Station, 1883–6; Superintendent Naval Observatory, 1886, to June, 1890; Superintendent Naval Academy, June, 1890, to date.

Rush R. Wallace.—Born in Tennessee, November 7, 1835. Appointed from Tennessee, May 25, 1852; Naval Academy, 1852–6; attached to frigate "St. Lawrence," Brazil Squadron, 1856–9. Promoted to *Master*, 1859. Commissioned as *Lieutenant*, 1861; steamer "Crusader," 1861; sloop "Constellation," Mediterranean Squadron, 1861–3. Commissioned as *Lieutenant Commander*, October 1, 1862; steam-sloop "Shenandoah," North Atlantic Blockading Squadron, 1863–5; present at the two attacks on Fort Fisher, December, 1864, and January, 1865; steamer "Fort Jackson," Western Gulf Blockading Squadron, 1865; Naval Academy, 1866–7; frigate "Guerriere,"

flag-ship, South Atlantic Squadron, 1868; steam-sloop "Richmond," European Fleet, 1868–9. Commissioned as *Commander*, October 25, 1870; commanding "Idaho," store-ship Asiatic Fleet, 1870–1; commanding "Ashuelot" (third-rate), Asiatic Fleet, 1872; Inspector of Ordnance, Norfolk, 1873–4; Light-House Inspector, 1875–8; Torpedo Station, Newport, 1882; commanding "Vandalia," N. A. Station, 1883–5. Promoted to *Captain*, February, 1882; Navy Yard, Washington, 1885–6; commandant Navy Yard, Washington, 1886–7; member of Examining Board, 1887, till April, 1891; leave of absence, April, 1891, till July, 1892; commanding receiving-ship "Franklin," July, 1892, till April, 1893. After a leave of absence placed in command of U. S. S. "Miantonomah," his present duty.

Francis M. Bunce.—Born in Connecticut. Appointed *Acting-Midshipman*, May 28, 1852; graduated Naval Academy and warranted *Midshipman*, June 10, 1857; "Germantown," East India Squadron, 1857–60. *Passed Midshipman*, June 25, 1860; "Brooklyn," Gulf Squadron, engaged in Chinqui Survey. *Master*, October 24, 1860; "Macedonian," Gulf Squadron, January 7, 1862. Commissioned *Lieutenant* from April 11, 1861; Executive-Officer of "Penobscot," 1862; in that vessel took part in engagement with rebel batteries at Yorktown, Va.; was assigned to temporary duty with the army, and had charge of the disembarkation of the heavy artillery and mortars for use in the batteries at the investment of that place by General McClellan, April, 1862; rejoined "Penobscot," blockading off Wilmington, N. C., and took part in several skirmishes with Fort Fisher and batteries about Fort Caswell; commanded a successful boat expedition up Little River, between North and South Carolina, destroying several schooners and large quantities of cotton, turpentine and resin, together with extensive salt works; on capture of "Robert Bruce" by "Penobscot," was placed in charge of her as Prize-Master, and brought her to New York, November 1, 1862; detached from "Penobscot" and ordered as Executive of "Pawnee," refitting at Philadelphia; served in her in South Atlantic Blockading Squadron Station, Stono River, S. C. Commissioned *Lieutenant Commander*, January 16, 1863; during winter of 1863 sounded out and buoyed and removed obstructions from interior channels from Stono River, S. C., to Morris Island; acting as aid to General Gilmore, had charge of the embarkation and transportation of General George C. Strong's brigade, five regiments, through these channels to Morris Island, and commanded the naval part of this attack, July 10, 1863, resulting in the capture of Morris Island to Fort Wagner; conduct in this affair honorably mentioned, report of Commander G. B. Balch and letter of Admiral Dahlgren, to Navy Department; detached from "Pawnee" and ordered to monitor "Patapsco;" took part in that monitor in all the actions in which she was engaged during siege of Charleston; also in night boat attack on Fort Sumter, Commander T. H. Stevens; received honorable mention for conduct in that officer's report of same; wounded by premature explosion of a cartridge, in action, November, 1863; detached from "Patapsco" and ordered to "Wabash" for recovery; ordered to monitor "Kaatskill," temporary duty, December 8, 1863; returned to "Wabash," January 7, 1864; same month ordered to temporary command of "Weehawken;" detached and returned to "Wabash," and ordered on staff of Admiral Dahlgren, was given charge of the scouting and picket boats of the squadron before Charleston, until ordered to command monitor "Lehigh," April 6, 1864; May 14, detached from South Atlantic Blockading Squadron, and ordered North; monitor "Dictator," Commodore John Rodgers, September 26, 1864; commanded monitor "Monadnock," September 5, 1865; took this

vessel from Philadelphia to San Francisco, Cal, the first extended sea-voyage ever made by a monitor; received for this service the thanks of the Navy Department upon recommendation of Commodore John Rodgers, and was recommended for reward to the President by the Secretary of the Navy; Boston Navy Yard, 1866–9; monitor "Dictator," April, 1869; detached October 4, 1869, having fitted her for sea service; commanded "Nantasket," November 12, 1869, stationed at St. Domingo; detached July 20, 1870; special ordnance duty, at Pittsburg, Pa., 1871. Commissioned *Commander*, from Nov. 7, 1871; commanded "Ashuelot," Asiatic Station, 1873; on duty, Navy Yard, Washington, June, 1875; detached, on Light-House duty, July to October, 1875; returned to duty, Navy Yard. Washington, 1877; attended torpedo instruction at Newport, R. I., January 7, 1879, to July 29, 1881; commanded "Marion," Home and South Atlantic Squadron; commanded receiving-ship "Wabash," Navy Yard, Boston, 1882–5. Commissioned *Captain*, January 11, 1883; Senior Member of Board on Timber Preservation for Naval Purposes; commanded "Atlanta," June 1, 1886, to December 1, 1889; command of Naval Station, New London, February 12, 1890. Appointed by the President as president of a commission to select a suitable site for a dry dock on the shores of the Gulf of Mexico, or waters connected therewith, November, 22, 1890; commission reported and dissolved, March 9, 1891; Senior Member of Board for Examination of Master Mechanics, Foremen, etc., of Navy Yards, April 17, 1891; this board later ordered to report on Navy Yard organization, the employment of labor, etc., disso ved February 4, 1892; June 30, 1891, ordered to command Naval Training Station, and ship "Richmond."

Frederick Vallette McNair.—Born in Pennsylvania. *Register of Service*—Acting Midshipman, September 21, 1853, original entry in U. S. Navy; graduated Naval Academy, Midshipman, June 10, 1857; Passed Midshipman, June 25, 1860; Master, October 24, 1860; Lieutenant, April 18, 1861; Lieutenant-Commander, April 20, 1864; Commander, January 29, 1872; Captain, October 30, 1883. Acting Midshipman, Naval Academy, September, 21, 1853; U. S practice ship "Preble," summer of 1854, Europe and return; U. S. practice ship "Plymouth," summer of 1856, coast of United States. Graduated from Naval Academy, June 10, 1857; U. S. frigate "Minnesota," June, 1857, till May, 1859, China and East India Station; U. S. Coast Survey schooner "Varina," summer of 1859; U S. S. "Iroquois," November, 1859, till October, 1860; Mediterranean Squadron, West Indies, in pursuit of steamer "Sumter;" Mississippi River, under Admiral Farragut; engagements and passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans, April, 1862; landed at Baton Rouge and Natchez to demand surrender, May, 1862; engagements, Grand Gulf, Vicksburg, ram "Arkansas," and passed Vicksburg batteries both ways, June, July and August, 1862; U. S. S "Juniata," October, 1862, till February, 1863, coast of United States; U. S. S. "Seminole," February 18, till August, 1863, coast of United States; U. S. S. "Pensacola," August, 1863, till April, 1864, Mississippi River; Executive Officer U. S. S. "Juniata," May, 1864, till June, 1866, North Atlantic Squadron; engagements and surrender of Fort Fisher, December 24 and 25, 1864, and January 13, 14 and 15, 1865; Brazil Station, 1865, till June, 1866; Executive Officer U. S. flagship "Brooklyn," June, 1866, till September, 1867, Brazil Station; instructor Naval Academy, September, 1867, till November, 1868; Executive Officer, practice ship "Macedonian," summer of 1868; Executive Officer, U. S. flagship "Franklin," November, 1868, till September, 1870, European Station; Equipment Officer

Philadelphia Navy Yard, October, 1870, till July, 1871; Head of Department of Seamanship, etc., Naval Academy, July, 1871, till February, 1875; commanding U. S. S. "Yantic," April, 1875, till July, 1875, Asiatic Station; commanding U. S. S. "Kearsarge," July, 1875, till January, 1878, Asiatic Station; commanding U. S. S. "Portsmouth," February, 1878, till August, 1878, European Station; Commandant of Cadets, Naval Academy, September, 1878, till September, 1882; commanding U. S. practice ship "Constellation," summer of 1879, coast of North America; commanding U. S. practice ship "Constellation," summer of 1881, coast of United States; Navy Department, October, 1882, till October, 1883, Court of Inquiry on loss of U. S. S. "Jeannette," and Board of Examiners of Officers, etc.; Mare Island Navy Yard, November, 1883, till September, 1886, Captain of the Yard; Commanding U. S. flagship "Omaha," May, 1887, till March, 1890, Asiatic Station; Superintendent, Naval Observatory, since June, 1890.

John Adams Howell.—Born in New York. Appointed from New York, September 27, 1854; Naval Academy, 1854–8; attached to sloop "Macedonian," Mediterranean Squadron, 1858–9; store-ship "Supply," 1861. Commissioned as *Lieutenant*, April 18, 1861; attached to steam-sloop "Ossipee," North Atlantic Blockading Squadron, 1862–3; steam-sloop "Ossipee," Western Gulf Blockading Squadron, 1863–5; participated in the battle of Mobile Bay, August 5, 1864. Commissioned as *Lieutenant-Commander*, March 3, 1865; steamer "De Soto," special service, 1866; steamer "De Soto," North Atlantic Squadron, 1866–7; Naval Academy, 1868–72. Commissioned as *Commander*, March 6, 1872; Coast Survey, 1872–4; Naval Academy, 1875–9; commanding "Adams," Pacific Station, 1879–81; Assistant Bureau of Ordnance, 1881; Navy Yard, Washington, 1882–4. Promoted to *Captain*, March, 1884; member of Advisory Board, 1884–8; commanding "Atlanta;" special service, 1888; Squadron of Evolution, 1889–90; President of Steel Board, July, 1891, to February, 1893; Commandant of Navy Yard, Washington, February, 1893, to date.

Allen V. Reed.—Entered the Naval Academy as *Acting Midshipman*, September 26, 1854; two practice-ship cruises in "Preble," Commander Joseph H. Green, in 1855–7; graduated, June 10, 1858; joined "Macedonian," Key West, July 12, 1858; went to Mediterranean Squadron, waiting orders, July 28 1860; final examination, January 5, 1861. Promoted to *Passed Midshipman*, January 9, 1861; joined "Pawnee," February 12. Promoted to *Master*, February 28, 1861; transferred to "Water-Witch," March 8, Gulf Squadron, as Navigator and Watch-Officer. Promoted to *Lieutenant*, April 18, 1861; joined flag-ship "Colorado," September 16, as Watch-Officer; joined "Potomac" in December, 1861, as Watch-Officer, and afterwards was Executive-Officer for one year; joined "Lackawanna" as Executive-Officer, August 17, 1863; detached November 12, and ordered North; waiting orders till February 6, 1864; then joined "Tuscarora" at Beaufort, North Carolina, as Executive-Officer, North Atlantic Blockading Squadron; detached at Baltimore, June 1, and took the crew on to New York; joined the "Pawtuxet" (double-ender), as Executive Officer, June 6. Promoted to *Lieutenant-Commander*, March 3, 1865; in command of the "Pawtuxet" for two months; detached July 15, 1865; waiting orders till September 14; then joined "Miantonomah" as Executive-Officer; detached April 29, 1866; waiting orders till July 11; then at Navy Yard, Norfolk, as assistant to the executive-officer till September 26; then joined "Resaca" as Executive-Officer, and went to Pacific Station; transferred to "Saranac," February 20, 1868; officers and crew transferred to "Jamestown," January

25, 1869; detached July 1, and ordered home; joined receiving-ship "Vermont." September 11, as Executive-Officer; equipment duty at Navy Yard, New York, from May 15, 1870, to September 26; navigation duty (same yard) from September, 1870, to May, 1872. Promoted to *Commander*, April 1, 1872; waiting orders till July 23; joined "Kansas" at Key West, August 9; in command till June 20, 1874; connected with the Nicaragua Surveying Expedition and the North Atlantic Station; waiting orders till November 19; then attached to Hydrographic Office, and as Assistant Hydrographer since September 20, 1875–80. Commanding "Alliance," North Atlantic Station, 1882–84. Promoted to *Captain*, July, 1884; commander training-ship "Minnesota," 1884–6; waiting orders, 1887–8; Commanding "Richmond," South Atlantic Station, 1888–90; commanding Navy Yard, Pensacola, December, 1890, to date.

George Dewey.—Born in Vermont. Appointed from Vermont, September 23, 1854; Naval Academy, 1854–8; attached to steam-frigate "Wabash," Mediterranean Squadron, 1858–9; steam-sloop "Mississippi," West Gulf Squadron, 1861–3; capture of New Orleans, April, 1862; Port Hudson, March, 1863; engagements with rebels below Donaldsonville, Louisiana, July, 1863. Commissioned as *Lieutenant*, April 19, 1861; steam-gunboat "Agawam," North Atlantic Blockading Squadron, 1864–5; two attacks on Fort Fisher, December, 1864, and January, 1865. Commissioned as *Lieutenant Commander*, March 3, 1865; steamer "Kearsarge," European Squadron, 1866; frigate "Colorado," flag-ship, European Squadron, 1867; Naval Academy, 1868–9; commanding "Narragansett" (fourth-rate), special service, 1870–1; Torpedo Station, 1872. Commissioned as *Commander*, April 13, 1872; commanding "Narragansett" (fourth-rate), Pacific Survey, 1872–5; Light-House Inspector, 1876–7. Secretary Light-House Board, 1877–82; commanding "Juniata," Asiatic Station, 1882–3. Promoted to *Captain*, September, 1884; commanding "Dolphin," 1884; commanding "Pensacola," flag-ship European Station, 1885–8; Chief of Bureau of Equipment and Recruiting, with rank of Commodore, 1889 to May, 1893; member Light-House Board May, 1893, to date.

Henry Lycurgus Howison.—Born in the District of Columbia. Appointed *Acting Midshipman* from Indiana, September 26, 1854; Naval Academy, 1854–58; warranted as *Midshipman*, June 11, 1858; attached to steam-frigate "Wabash," Mediterranean Squadron, 1858–59; sloop "Pocahontas," Gulf Squadron, 1860; transferred to sloop "Pawnee," and returned home for examination, December, 1860. Promoted to *Past Midshipman* January 19, 1861; attached to sloop "Pawnee," Chesapeake Bay and Potomac River, February, 1861. Promoted to *Master* February 23, 1861; detached from "Pawnee," March, 1861, and sailed in sloop "Pocahontas," for Charleston, and was present at the surrender of Fort Sumter by General Anderson, April, 1861; "Pocahontas" subsequently employed in Chesapeake Bay and Potomac River, convoying troops to Washington. Promoted to *Lieutenant*, April 19, 1861; sent on special duty for three weeks to outside picket post at Cloud's Mills, Va., with howitzer and crew, skirmishing with Stuart's cavalry; rejoined "Pocahontas" and cruised in Potomac River, until detached, September, 1861, and ordered as Executive Officer of the "Augusta," Admiral Dupont's Squadron; took part in the capture of Port Royal; landed in command of a company at Tybee Island, November, 1861; in engagement with rams off Charleston, 1862; engaged in convoying General Banks' expedition to Ship Island, November, 1862, and on the return of the "Augusta" she was ordered to Aspinwall, and con-

voyed the mail steamers as far north as Port Royal, where she again joined the South Atlantic Squadron; detached from the "Augusta," June, 1863, and ordered as Executive Officer of the iron-clad "Nantucket," present at engagements of Forts Moultrie, Sumter and Wagner, 1863; blockading in Warsaw Sound, Ga.; detached from "Nantucket," February, 1864, and ordered as Executive Officer of the iron-clad "Catskill;" present at engagement of forts off Charleston; detached from "Catskill," May, 1864, and ordered north; joined the "Bienville" as Executive Officer at New York, May 25, 1864, sailed for Gulf of Mexico to join Admiral Farragut's Squadron, having the iron-clad "Manhattan" in tow; August 3, 1864, ordered to command the "Bienville;" present at the battle of Mobile Bay, and after the capture of the forts, carried prisoners and towed the ram "Tennessee" to New Orleans; blockading off Galveston, 1864–65; relieved of the command of the "Bienville" by Commander Mullany, November, 1864, and resumed duties as Executive Officer of that vessel. Promoted to *Lieutenant-Commander*, March 3, 1865; detached from the "Bienville," April, 1865, and ordered to ordnance duty, Washington Navy Yard; flag-ship "Pensacola," North Pacific Squadron, 1866–68; ordnance duty, Washington Navy Yard, 1869; commanding "Constitution" and ships Naval Academy, 1870–72. Promoted to *Commander*, August 19, 1872; commanding sloop "Shawmut," North Atlantic Squadron, 1873–74; head of Department of Seamanship, Naval Academy, 1875–78; commanding practice-ship "Mayflower," 1876; commanding practice-ship "Constellation," 1878; Inspector of Ordnance Navy Yard, Washington, D. C., from October 1, 1878, to September 9, 1881; member of the first Advisory Board, 1881; ordered to recommend classes and kinds of vessels necessary for the Navy; commanding gunnery, training-ship "Minnesota," from November, 1881, to March, 1882; member of the Board of Inspection and Survey, April, 1882, to April, 1885. Promoted to *Captain*, U. S. Navy, March 2, 1885; member of Boards for Examination and Retirement of Officers, Navy Department, from May, 1885, to February, 1886; commanding U. S. S. "Vandalia," Pacific Station, from February, 1886, to April, 1888. President Steel Inspection Board, Navy Department, Washington, D. C., from June, 1888, to March, 1890; member of the Light-House Board, Treasury Department, Washington, D. C., from March, 1890, to July, 1892. Captain of the Mare Island Navy Yard, from August 1, 1892, to July 17, 1893. Ordered as Commandant to command the Navy Yard, Mare Island and Station, from July 17, 1893, and present duty.

Albert Kautz.—Born in Georgetown, Ohio, January 29, 1839. Appointed *Acting Midshipman*, September 28, 1854. Graduated at United States Naval Academy, Annapolis, Maryland, and appointed *Midshipman*, June 11, 1858; served in Home Squadron on frigates "Colorado," "Roanoke," "Savannah," and sloop "Saratoga," from July, 1858, to July, 1860. Promoted to *Passed Midshipman*, January 19, 1861, to *Master*, February 23, 1861, and to *Lieutenant*, April 21, 1861; ordered to United States steamer "Flag," North Atlantic Blockading Squadron, in May, 1861; in June, 1861, placed in command of the prize-brig "Hannah Balch," off Charleston, South Carolina, with orders to proceed to Philadelphia; on 25th of June, 1861, captured, in sight of Cape Hatteras, by the privateer "Winslow," Captain Thomas Crogson; on parole in North Carolina for two months, at the end of which time had parole taken away, and was incarcerated in Henrico County Jail, Richmond, Virginia, by order of Jefferson Davis, as a retaliatory measure consequent on the imprisonment of privateers in the Tombs, New York City; on the last of October, 1861, was released on parole for the purpose of going to

Washington to procure an exchange; had an interview with Confederate Secretaries Benjamin and Mallory in Richmond, and then with President Lincoln and Secretaries Seward and Welles in Washington; succeeded in negotiating an exchange, by means of which the present Admiral Worden, the late Lieutenant George L. Selden, and he were released from prison and restored to duty, on condition that Lieutenants Stevens, Loyall, and Butt should be sent South under a flag of truce. There were also 350 prisoners, captured at Hatteras Inlet in August, 1861, sent South under the same negotiation, for which we received 350 of our people, who were captured at Bull Run in July, 1861. This was the first exchange authorized by President Lincoln and his Cabinet. Ordered to the flag ship "Hartford" in January, 1862, and served on Flag-Officer Farragut's staff, at the same time commanding the first division of great guns in the engagements with Forts Jackson and St. Philip, the Chalmette batteries, and the capture of New Orleans in April, 1862; had command of the howitzers, under Captain Henry Bell, at New Orleans, and hauled down the "Lone Star" Flag in person from the City Hall, which Mayor Munroe refused to strike, and hoisted the "Stars and Stripes" on the Custom House (the hauling down of the "Lone Star" Flag has been erroneously attributed to Captain Henry Bell by at least two writers); continued to serve on the "Hartford" during the engagements with the batteries at Vicksburg in June and July 1862; in August, 1862, was taken with malarial fever, condemned by medical survey, and sent North; in 1863 served in the U. S. S. "Juniata" West India Squadron, and in 1864–5 served as First Lieutenant of the sloop-of-war "Cyane" in the Pacific. Promoted to *Lieutenant-Commander* on May 29, 1865; served on the "Winooski," Home Squadron, and flag-ship "Pensacola," Pacific Squadron, from January, 1866, to August, 1868; on receiving-ship "New Hampshire," Norfolk, from December, 1868, to May, 1869; on duty at the Boston Navy Yard from May, 1869, to August, 1871; Light-House Inspector, Key West, Florida, from April, 1872, to October, 1873. Promoted to *Commander*, September 3, 1872; commanding U. S. S. "Monocacy," Asiatic Station, December, 1873, to August, 1875; Light-House Inspector, Cincinnati, Ohio, from January, 1876, to July, 1880; commanded the U. S. S. "Michigan," on the lakes, from August, 1880, to August, 1883; on duty in the Bureau of Equipment, Navy Department, from March to July, 1884; Equipment Officer at the Boston Navy Yard from July, 1884, to October, 1887; traveling in Europe from November, 1887, to December, 1888. Promoted to *Captain*, June 2, 1885; on duty at the Portsmouth, New Hampshire, Navy Yard, October 25, 1889, to June, 1890; commanding "Pensacola," June, 1890, to June, 1892; Navy Yard, Boston, June, 1892, to date.

Alfred T. Mahan.—Born in New York. Appointed from New York, September 30, 1856; Naval Academy, 1856–9; Brazil, 1859–61; attached to frigate "Congress," Home Squadron, 1861; steamer "Pocahontas," South Atlantic Blockading Squadron, 1861–2. Commissioned as *Lieutenant*, August 31, 1861; Naval Academy, 1862–3; steam-sloop "Seminole," Western Gulf Squadron, 1863–4; steamer "James Adger," South Atlantic Squadron, 1864–5. Commissioned as *Lieutenant-Commander*, June 7, 1865; steamer "Muscoota," Gulf Squadron, 1865–6; steamer "Iroquois," Asiatic Squadron, 1867–9; commanding steamer "Aroostook," Asiatic Fleet, 1869; Navy Yard, New York, 1870–71; steamer "Worcester," 1871; R. S., New York, 1872. Commissioned as *Commander*, November 20, 1872; commanding "Wasp," (fourth-rate), South Atlantic Station, 1873–4; Navy Yard, Boston, 1876–7; Naval Academy, 1877–80; Navy Yard, New York,

1880–3; commanding "Wachusett," Pacific Station, 1883–5. Promoted to *Captain*, 1885; Naval War College, 1885; President Naval War College, 1886–9; President of a Commission for selecting site for Navy Yard on Northwest Coast, 1889; special duty, Bureau of Navigation, 1889, to July, 1892; President War College and Torpedo School, July, 1892, to May, 1893; commanding "Chicago" May, 1893, to date.

George C. Remey.—Born in Iowa. Appointed from Iowa, September 2', 1855; Naval Academy, 1855–9; attached to steam sloop "Hartford," East India Squadron, 1860–1. Commissioned as *Lieutenant*, August 31, 1861; steam-gunboat "Marblehead," South Atlantic Blockading Squadron, 1861–4; was present at the siege of Yorktown, and on several occasions engaged the batteries at long range; in consequence of the "Marblehead" being grounded, was compelled to witness the battle of West Point, Virginia, without being able to participate; engagement with rebels at White House, Pamunky River, June 29, 1862; engaged batteries on Sullivan's Island, South Carolina, on two different occasions; engaged Battery Wagner, Morris Island, South Carolina, at long range; took part in general engagement of Battery Wagner, August 17, 1863; was in command of naval battery on Morris Island from August 23 to September 8, 1863; and was engaged in bombardment of Fort Sumter, and at times Fort Gregg; had command of the second division of boats in the night attack on Fort Sumter, September 8, 1863, and was taken prisoner by the rebels; steam-gunboat "Marblehead," Naval Academy, Newport, 1865–6. Commissioned as *Lieutenant-Commander*, June 25, 1865; steamer "Mohongo," Pacific Squadron, 1866–7; Naval Academy, 1868–9; attached to frigate "Sabine," special service, 1869–70; T. and N. Surveying Expedition, 1871; Naval Observatory, 1872. Commissioned as *Commander*, November 25, 1872; Bureau of Yards and Docks, 1873–6; commanding "Enterprise" (third-rate), North Atlantic Station, 1877–8; torpedo instruction, 1878; Bureau of Yards and Docks, 1879–81; "Lancaster," European Station, 1881–3; Navy Yard, Washington, 1884–6. Promoted to *Captain*, October, 1885; Navy Yard, Norfolk, 1886–9; commanding Charleston Squadron of Evolution, 1889, to May, 1892; Navy Yard, Portsmouth, May, 1892, to date.

Norman H. Farquhar.—Born April 11, 1840. Graduated from Naval Academy, 1859; squadron, coast of Africa, for the suppression of slave trade, 1859–61. As *Midshipman*, on board "San Jacinto," "Saratoga," and "Constellation." *Acting Master*, on board "Mystic" and "Sumter;" while still Midshipman, brought to the United States a captured slaver, the "Triton," with a crew of ten men, and no other officer. Commissioned as *Lieutenant*, August 31, 1861; steamer "Mystic," North Atlantic; steam-gunboat "Mahaska," North Atlantic Blockading Squadron, 1862–3; steamer "Rhode Island," West India Squadron, 1863–4; steamer "Santiago de Cuba," North Atlantic Blockading Squadron, 1864–5; present at both attacks on Fort Fisher. Commissioned as *Lieutenant-Commander*, August 5, 1865; Naval Academy, 1866–8; steamer "Swatara," European Squadron, 1868–9; Navy Yard, Boston, 1870; Executive-Officer, U. S. S. "Severn," 1870–1; commanding "Kansas" (fourth-rate), T. and N. Surveying Expedition, 1871; Navy Yard, Boston, 1872; U. S. S. "Powhatan," 1872. Commissioned as *Commander*, December 12, 1872; Naval Academy, 1872–8; commanding "Santee," and in charge of buildings and grounds; commanded "Portsmouth," 1878; in command of "Quinnebaug" and "Wyoming," European Squadron, 1878–81; Commandant of Cadets, Naval Academy, 1881–6; commanded "Constellation," two practice cruises, 1883–4. Com-

missioned as *Captain*, March 4, 1886; commanded "Trenton," Pacific Station, 1886–9, when the ship was wrecked in the memorable hurricane at Apia, Samoa, March 16, 1889; by good seamanship managed to save from drowning the 450 officers and men who composed her crew; Senior Member of Board of Visitors, Torpedo Station, August, 1889; member of Light-House Board, October, 1889; Chief of Bureau of Yards and Docks, Navy Department, to date.

Theodore F. Kane.—Born in Washington, D. C., August 19, 1840. Appointed from New York, September 27, 1855; Naval Academy, 1855–9; attached to flag-ship "Constellation" and steamer "Mystic," West Coast of Africa, 1859–61. Commissioned as *Lieutenant*, August, 1861; executive-officer, "Bainbridge," Blockading Squadron, coast of Florida, 1861–2; "Sonoma," James River Flotilla; engagements with rebel batteries on James River, 1862; Naval Academy, 1862–3; commanded U. S. schooner yacht "America," summer of 1863; sent in search of the pirate "Tacony" and others; "Neptune," Flying Squadron, West India Squadron, 1863–5; apprentice-ship "Savannah," summer of 1865. Commissioned as *Lieutenant-Commander*, September, 1865; Naval Academy, Instructor in Gunnery, 1865–8; "Mohongo," North Pacific Station, 1868–9; "Juniata" European Fleet, 1869–71; Navy Yard, Washington, 1871–2; commanded "Frolic," 1872. Commissioned as *Commander*, December, 1872; special duty, Aide to the Admiral of the Navy, 1873–6; commanded "Alliance," European Station, 1876–9; Naval Observatory, 1879–80; Naval Academy, commanding "Santee," 1880; Inspector of Ordnance, Navy Yard, New York, 1881–4; commanded "Galena," North Atlantic Station, 1884–5; was Senior Officer at Aspinwall, March, 1885, during revolt and fire, his action receiving Department's approval; commanded training-ship "Minnesota," 1886–8. Commissioned as *Captain*, May, 1886; commanded flag-ship "Lancaster," European Station, 1888–9; Navy Yard, New York, 1890, to October, 1893; president Board of Inspection of Merchant Vessels at this date.

James O'Kane.—Born in Indiana. Appointed to the Naval Academy from Indiana, October 30, 1856; graduated in 1860, and then ordered to the frigate "Niagara;" appointed *Acting Lieutenant* on board that ship in 1861. Promoted to *Master* in 1861. *Second Lieutenant* on board the "Brooklyn," 1861–2; present at the passage of Forts Jackson and St. Philip, Chalmette batteries, and at the capture of New Orleans; present at various attacks on, and at the passage of, Vicksburg; wounded at the passage of the forts below New Orleans. Commissioned as *Lieutenant*, July, 1862; Executive Officer of the "R. R Cuyler," in 1862; Executive Officer of the gunboat "Paul Jones," and the monitor "Sangamon," on the South Atlantic Blockading Squadron in 1863; in the latter ship joined in various attacks on Fort Moultrie, Batteries Bee and Beauregard; commanded marine battalion in an expedition in connection with the army up Broad River, S. C.; participated in battles of Honey Hill, Tullifinny Cross-Roads, and in an engagement on the Charleston and Savannah Railroad, afterwards served on the staff of Admiral Dahlgren until the close of the war; during which staff duty commanded two tug and launch expeditions up the Santee River into the Congaree and Wateree Rivers, with the object of communicating with the army which was expected to pass through Columbia; served on board the "Rhode Island," West India Squadron, 1865–66. Commissioned as *Lieutenant-Commander*, April, 1866; Executive Officer of the "Swatara," European Squadron, 1866–7; Executive Officer of the "Lancaster," South Atlantic Squadron, 1870; commanded the "Wasp," South Atlantic Squad-

ron, 1870–1. On ordnance duty in Pittsburg in 1872; Executive Officer of the "Powhatan," and in command of the iron clad "Mahopac," North Atlantic Squadron, 1873. Commissioned as *Commander*, January, 1874; head of the Department of Ordnance and Gunnery at the Naval Academy, 1875–78; commanded the "Galena," European Squadron, 1880–2; Light-House Inspector, 1883–6; Portsmouth Navy Yard, 1887–9; commanded the cruiser "Boston," 1889, to August, 1891; commanding receiving-ship "Wabash," August, 1891, to date.

J. Crittenden Watson.—Born in Kentucky, August 24, 1842. Appointed from Kentucky, September 29, 1856; Naval Academy, 1856–60. Promoted to *Master*, 1861; attached to frigate "Sabine," 1861; steam-sloop "Hartford," West Gulf Squadron, 1862–4. Commissioned as *Lieutenant*, July 16, 1862; bombardment and passage of Forts Jackson and St. Philip, and Chalmette batteries, April, 1862; passage of Vicksburg batteries, June and July, 1862; passage of Port Hudson, March 14, 1863; passage of Grand Gulf, March 19 and 30, 1863; battle of Mobile Bay, August 5, 1864; was wounded by a fragment of shell from a rebel battery at Warrington; steam-frigate "Colorado," flag-ship European Squadron, 1865–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-frigate "Franklin," flag-ship European Squadron, 1867–8; steam-sloop "Canandaigua," European Squadron, 1868–9; special duty, Philadelphia, 1870; "Alaska" (second-rate), Asiatic Squadron, 1871; commanded store-ship "Omaha," Yokohama, 1872–73; ordnance duty, New York, 1874. Commissioned as *Commander*, January 23, 1874; Navy Yard, Mare Island, 1875–7; commanding "Wyoming," European Station, 1877–80; Light-House Inspector. 1880–6; Navy Yard, New York, 1883–4. Promoted to *Captain*, March, 1887; special duty, San Francisco, 1888, to June, 1890; Navy Yard, Mare Island, July, 1890, to July, 1892; commanding "San Francisco," July, 1892, to date.

Henry B. Robeson.—Born in Connecticut. Appointed from Connecticut, September 25, 1856; Naval Academy, 1856–60. Promoted to *Master*, 1860; attached to steam-frigate "Niagara," Blockading Squadron, 1860–1; engagement at Fort McRae, November 23, 1861; iron-clad steamer, "New Ironsides," special service, 1863; and South Atlantic Blockading Squadron, 1864; engagement with the defences of Charleston, S. C., April 7, 1863; commanded a landing party from the "New Ironsides" in the assault and capture of rebel works on the lower part of Mor is Island, July 10, 1863; various bombardments of Forts Wagner, Sumter, Moultrie, and all the actions in which the "New Ironsides was engaged off Charleston; steam-frigate "Colorado" North Atlantic Blockading Squadron, 1864–5; both assaults on Fort Fisher; commanded a landing party from the "Colorado" in the assault upon Fort Fisher, January 15, 1865; steamer "Colorado" flag-ship European Squadron, 1865–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-sloop "Piscataqua" Asiatic Squadron, 1867–70; special duty, 1871–2; iron-clad "Dictator," 1873; Navy Yard, New York, 1874–6. Commissioned as *Commander*, February 12, 1874; European Squadron, 1876–7; commanding "Vandalia" (third-rate), European Station, 1877–9; Naval Academy, 1879–83; Navy Yard, New York, 1883–88. Promoted to *Captain*, August, 1887; member Advisory Board, 1888–9; commanding "Chicago," Squadron of Evolution, 1889, to July, 1891; Supervisor New York Harbor, July, 1891, to July, 1892; leave of absence since July, 1892.

Winfield S. Schley.—Born in Maryland, 1839. Appointed from Maryland, September 20, 1856; Naval Academy, 1856–60. Promoted to

Master, 1861; attached to frigate "Potomac" store-ship, at Ship Island, 1861–2; steam-gunboat "Winona," West Gulf Blockading Squadron, 1862–63; engaged with a field battery near Port Hudson, Louisiana, December 14, 1862; in all the engagements which led to the capture of Port Hudson, from March 16 to July 9, 1863; in one or two small skirmishes in cutting out schooners. Commissioned as *Lieutenant*, July 16, 1862; steam-gunboat "Wateree," Pacific Squadron, 1864–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1867–9; "Benicia" (third-rate), Asiatic Fleet, 1871–2; Naval Academy, 1873–6. Commissioned as *Commander*, June 10, 1874; commanded the "Essex" (third-rate), S. A. Station, 1877–80; Light-House Inspector, 1880–3; Bureau of Equipment, 1883; in charge of Greely Expedition, 1884; Chief Bureau of Equipment and Recruiting, 1885–9. Promoted to *Captain*, March, 1888; commanding "Baltimore," 1889 to March, 1892; Light-House Inspector, March, 1892, to date.

Silas Casey.—Born in Rhode Island, September 11, 1841. Appointed from New York, as *Acting Midshipman*, September 25, 1856; Naval Academy, 1856–60. Appointed *Midshipman*, June, 1860; attached steam-frigate "Niagara," 1860–2 Promoted *Master*, 1861; engagements with batteries at Pensacola, Florida, October, 1861. Commissioned as *Lieutenant*, July, 1862; Executive-Officer, gunboat "Wissahickon," South Atlantic Blockading Squadron, 1862–3; several engagements with Fort McAllister, 1862; first attack on Charleston, under Admiral Dupont, Executive-Officer U. S. S. "Quaker City," North Atlantic Blockading Squadron, 1863–5; attack on Fort Fisher, December, 1864; Navigating Officer, U. S. S. "Winooski," Atlantic Squadron, 1865–7; Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1867–70; Executive-Officer frigate "Colorado," flag-ship Asiatic Squadron, 1870–3; command of battalion of sailors, from the fleet, in the Corean Expedition and assault on Fort McKee (Elbow Fort), Séoul River, June, 1872; ordnance duty, Navy Yard, Philadelphia, 1873–4. Commissioned as *Commander*, June, 1874; command of training-ship "Portsmouth," Pacific coast, 1875–6; Inspector Twelfth Light-House District, 1876–9; command of U. S. S. "Wyoming" and "Quinnebaug," European Station, 1880–2; Equipment Officer, Navy Yard, Washington, 1882–4; Inspector Fifth Light-House District and commanding U. S. R. S. "Dale," 1884–9. Promoted *Captain*, February, 1889; duty connected with the "Newark," July, 1890, to February, 1891; commanding "Newark," February, 1891, to May, 1893, and then granted leave of absence.

William T. Sampson.—Born in New York. Appointed from New York, September 24, 1857; Naval Academy, 1857–60; frigate "Potomac," 1861. Promoted to *Master*, 1861. Commissioned as *Lieutenant*, July 16, 1862; practice-ship "John Adams," 1862–3; Naval Academy, 1864; iron-clad "Patapsco," South Atlantic Blockading Squadron, 1864–5; was in "Patapsco" when she was destroyed in Charleston harbor, January 15, 1865; steam-frigate "Colorado," flag-ship European Squadron, 1865–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1868–71; "Congress" (second-rate), special service, 1872, and same ship, European Station, 1873. Commissioned as *Commander*, August 9, 1874; commanding "Alert" (third-rate), 1874–5; Naval Academy, 1876–8; commanding "Swatara," Asiatic Station, 1879–82; Naval Observatory, 1882–5; member of International Prime Meridian and Time Conference, 1884; in charge of Torpedo Station, 1885–6; member of Board on Fortifications and other Defences, 1885–6; Superintendent Naval Academy, 1886–90; delegate from United

States to International Maritime Conference, Washington, 1889. Promoted to *Captain*, March, 1889; commanding "San Francisco." November, 1890, to July, 1892; Inspector of Ordnance, Navy Yard, Washington, July, 1892, to January, 1893; Chief of Bureau of Ordnance, from January, 1893, to date.

Bartlett J. Cromwell.—Born in Georgia. Appointed from Nebraska, September 21, 1857; Naval Academy, 1857–60; attached to frigate "St. Lawrence," 1861; steamer "Quaker City," South Atlantic Blockading Squadron, 1862; steam-gunboat "Conemaugh," South Atlantic Blockading Squadron, 1862–3; attack on Morris Island and Battery Gregg. Commissioned as *Lieutenant*, July 16, 1862; steamer "Proteus," East Gulf Squadron, 1863–5; steamer "Shawmut," Brazil Squadron, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1868–9; "Plymouth" (third-rate), European Fleet, 1871–2; "Powhatan," special service, 1873–4. Commissioned as *Commander*, October 24, 1874; Inspector of Ordnance, Philadelphia, 1875–7; Inspector of Ordnance, 1878; commanding "Rio Bravo," special service, 1877–8; commanding "Ticonderoga," 1879–81; Navy Yard, Portsmouth, 1882–5; commanding Naval Rendezvous, Philadelphia, 1885; Navy Yard, League Island, 1886–9. Promoted to *Captain*, March, 1889; ordnance duty, 1889–90; commanding "Omaha," February, 1890, to October, 1891, Navy Yard, Norfolk, October, 1891, to date.

John W. Philip.—Born in New York, August 26 1840. Appointed to the Naval School from New York, September 20, 1856. *Midshipman*, January 1, 1861, and attached to the frigates "Constitution" and "Santee." Promoted to *Acting Master*, June 1, 1861, and ordered to the sloop-of-war "Marion," Gulf Blockading Squadron; attached to the "Sonoma," James River Fleet, 1862. Commissioned a *Lieutenant*, July 16, 1862; Executive of the "Chippewa," "Pawnee," and the monitor "Montauk," South Atlantic Blockading Squadron, during the siege of Charleston, from September, 1862, to January, 1865; wounded in the leg whilst attached to the "Pawnee," in Stono River; Executive of the "Wachusett," Asiatic Squadron, January, 1865, to September, 1867. Commissioned *Lieutenant-Commander*, July 25, 1886; executive of the flag ship "Hartford," Asiatic Squadron, September, 1867, to August, 1868; Executive of the "Richmond," European Squadron, December, 1868, to November, 1871; Executive of the flag ship "Hartford," Asiatic Squadron, September, 1872, to June, 1873, when detached to command the "Monocacy;" detached from the latter vessel, February 28, 1874–6; on leave of absence from the Department in order to command one of the steamers of the Pacific Mail Steamship Company. Commissioned a *Commander*, December 18, 1874; leave revoked, July, 1876, and ordered to command the "Adams;" detached, April, 1877, and granted leave to command the "Woodruff Scientific Expedition around the World;" ordered to the command of the "Tuscarora," December, 1877, engaged in surveying the West Coast of Mexico and Central America; transferred from the "Tuscarora" to the "Ranger," August, 1880, and detached from the command of the latter vessel in October, 1883; Light-House Inspector, 12th District, April, 1884, to April, 1887; in command of the U. S. receiving-ship "Independence," at the Mare Island Navy Yard, May, 1887, to May, 1890. Commissioned as *Captain*, March 31, 1889; commanding "Atlanta," December, 1890, to December, 1891; General Inspector of "New York," December, 1891, and when finished, was placed in command, which is his present duty.

Henry F. Picking.—Born in Pennsylvania, January, 1840 Appointed from same State, September 28, 1857; Naval Academy, 1857–61. Ap-

pointed *Acting Master*, June 4, 1861; attached to frigate "St. Lawrence," North Atlantic Blockading Squadron, 1861–2. Commissioned as *Lieutenant*, July, 1862; sinking of the privateer "Petrel;" engagement with the rebel ram "Merrimac" and Sewell's Point batteries (monitor engagement), 1862; East Gulf Blockading Squadron, 1862; Naval Academy, 1864; monitor "Nahant," South Atlantic Blockading Squadron, 1864; commanding "Nahant," 1865; several skirmishes with batteries on Sullivan's Island during 1864–5; steamer "Swatara," West India Squadron, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; steamer "Swatara," European Squadron, 1866–8; League Island, Pennsylvania, 1868–9; on duty at Naval Academy, 1869–71; flag-ship "Colorado," Asiatic Fleet, 1870–3; ordnance duty, Navy Yard, Washington, 1873; Torpedo Station, Newport, R. I., 1873–4; "Roanoke" (iron clad), New York, 1874. Commissioned as *Commander*, January 25, 1875; Naval Rendezvous, New York, 1875; Light-House Inspector, 1875–8; commanding "Kearsarge," 1879–81; Light-House Inspector, 1881–2; Naval Secretary, Light-House Board, 1882–7; commanding naval force, northwestern lakes (U. S. S. "Michigan)," 1887–9. Commissioned as *Captain*, August 4, 1889; Hydrographer, Navy Department, 1889, to September, 1890; Light-House Inspector, September, 1890, to March, 1892; commanding "Charleston," March, 1892, to date.

Frederick Rodgers.—Born in Maryland, October 3, 1842. Naval Academy, 1857–61; attached to frigate "Wabash," 1861. Appointed *Acting Master*, U. S. Navy, April, 1861. Appointed *Acting Master* "Santee," 1861–2. Prize-Master of brig "Delta," 1861. Commissioned as *Lieutenant* July 16, 1862; Executive Officer of the U. S. S. "Kineo," 1862–3; engagements at Donaldsonville, Port Hudson, and College Point, Louisiana, February and March, 1862; steamer "Grand Gulf," North Atlantic Squadron, 1863–4; steamer "Grand Gulf," West Gulf Blockading Squadron, 1864–5; U. S. steamer "Seminole," 1865. Commissioned *Lieutenant Commander*, July 25, 1866; U. S. S. "Chattanooga," 1866; U. S. S. "Sacramento," October, 1866, until she was lost in the Bay of Bengal, June 6, 1867; "Michigan," on the lakes, 1868–9; U. S. S. "Pensacola," North Pacific Station, 1869; U. S. S. "St. Mary's," North Pacific Station, 1870; U. S. S. "Saranac," North Pacific Station, 1871–2; ordnance duty, Washington Navy Yard, 1872; commanding U. S. S. "Despatch," special service, 1873–6. Commissioned *Commander*, February 4, 1875; Light-House Inspector, on the lakes, 1876–7; commanding "Adams," South Atlantic and Pacific Stations, 1877–9; Light-House Inspector, Philadelphia, 1881–3; commanding U. S. S. "Independence," 1883–6; Light-House Inspector, in charge of Light-House Depot, 1888 to September, 1890. Promoted to *Captain*, February 26, 1890; commanding "Philadelphia," September, 1890, to July, 1892; Supervisor Harbor of New York, July, 1892, to September, 1893; Navy Yard, New York, at present date.

Louis Kempff.—Appointed from Illinois, September 25, 1857; left the Naval Academy, April, 1861, and ordered to sailing sloop-of-war "Vandalia;" sailed from New York, June, 1861, and blockaded off Charleston, August, 1861; captured the schooner "Henry Middleton," of Charleston, which schooner he took to New York, and rejoined the "Vandalia" in October following, at Hampton Roads. Appointed *Acting Master*, October, 1861; attached to the "Vandalia" during the battle at Port Royal, S. C., November 7, 1861; November 11, 1861, ordered to flag-ship "Wabash;" commanded a howitzer in the expedition against Port Royal Ferry, under General Isaac I. Stevens, U. S. Army, January 1, 1862; in charge of boat

and howitzer during the expedition of the Navy, which resulted in the capture of Fernandina, Fla., St. Mary's, Ga., Nassau Inlet and Jacksonville, Fla., and St. Augustine; detached from "Wabash" and ordered to the "Susquehanna," March, 1862; was present and took part in bombardment of Sewell's Point, Va., in May, 1862, and the re-occupation of Norfolk, Va., May 10, 1862; on board of this vessel as Watch and Navigation Officer, blockading off Mobile part of 1862 and 1863. Promoted to *Lieutenant*, August 1, 1862; detached from "Susquehanna," May 14, 1863; ship out of commission; gunboat "Sonoma," June 22, 1863; detached from the "Sonoma," July 9, 1863; ordered to the "Connecticut," blockading off Wilmington, N. C., 1863 and 1864; Executive Officer of the "Connecticut," until October 8, 1864, when she was put out of commission; Executive Officer gunboat "Suwanee," November 15, 1864; on duty in this vessel Pacific Squadron, 1865, to March, 1867. Promoted to *Lieutenant-Commander*, July 26, 1866; detached from "Suwanee," March 28, 1867, at Mare Island, Cal., and ordered east, via Panama; ordered to the apprentice-ship "Portsmouth," as Executive Officer, May 27, 1867; detached from the "Portsmouth," the vessel going out of commission, October 2, 1868, and ordered as Executive of "Independence," at San Francisco; ordered temporarily as Executive of the "Mohican," June 15, 1869, and went to Siberia on total eclipse expedition; ordered back to the "Independence," September 22, 1869, and remained until October, 1870, when he was ordered to the Pacific Squadron for duty; Executive Officer of the "Mohican," May 2, 1871; detached from this vessel when she was put out of commission at Mare Island, June, 1872; "Saranac," as Executive Officer, July 17th, 1872, to November, 1872; flag-ship "California," as Executive, from November, 1872 to April, 1873; duty at Naval Rendezvous, San Francisco, August 16, 1873, to November, 1874; November, 1874, ordered as Inspector of Thirteenth Light-House District; detached by request from this duty, October, 1876, and placed on waiting orders. Promoted to *Commander*, March 9, 1876; Senior Aid to Commandant Navy Yard, Mare Island, March 21, 1877; this office being abolished, was ordered as Equipment Officer of the same yard, March 30, 1878; commanded Naval Rendezvous, San Francisco, September 10, 1880; commanded "Alert," Asiatic Station, July, 1881, to July, 1882; ordnance officer of the Navy Yard, Mare Island, also attended to duties of navigation officer of yard, from January, 1883, to October, 1885; commanded the "Adams," attached to the Pacific Station, from October, 1885, to May, 1888; Navy Yard, Mare Island, from June, 1888, to July 1890, while stationed here was assigned by the Commandant to the duties of Captain of the Yard and in charge of the Department of Yards and Docks; ordered to duty as member of the Board of Inspection. Promoted to *Captain*, May 19, 1891; San Francisco, Cal., July 17, 1890; ordered as General Inspector of the "Monterey," June 3, 1893, and ordered to command this vessel February 7, 1893.

Francis J. Higginson.—Born in Massachusetts, July 19, 1843. Appointed *Acting-Midshipman*, September 21, 1857; Naval Academy, 1857–61; attached to steam-frigate "Colorado," as Midshipman, 1861–2, West Gulf Blockading Squadron; wounded at capture and destruction of rebel privateer "Judith," at Pensacola, Florida, 1861; Signal Midshipman and Aide to Captain Theodorus Bailey, on board the "Cayuga," at the bombardment and passage of Forts Jackson and St. Philip, Mississippi River, by the fleet under Admiral Farragut; participated in the action of the Chalmette batteries, and the capture of New Orleans, April, 1862. Commissioned as *Lieutenant*, August, 1, 1862; Executive Officer steamer "Vixen," South Atlantic

Squadron, 1862; steam-sloop "Powhatan," as Watch Officer, 1862; Executive Officer steamer "Housatonic," when she was blown up and sunk by rebel torpedo-boat off Charleston, February 17, 1865; commended by General Gilmore, U. S. A., for efficient service in command of picket launches operating at night inside Morris Island, between Forts Gregg and Sumter; Executive Officer monitor "Passaic," and engaged in bombardment Fort Sumter, 1865; commanded division of boats in naval attack on Fort Sumter under Captain Stevens, September 8, 1863; Naval Academy, 1865; Executive Officer "Marblehead," sent in pursuit of rebel steamer "Tallahassee," under Commander Carpenter. Commissioned *Lieutenant-Commander*, July 25, 1866; attached to "Hartford," flag-ship Asiatic Squadron, as Watch Officer, 1865–68; Executive Officer receiving-ship "New Hampshire," September, 1868; attached to U. S. S. "Franklin," flag ship Mediterranean Squadron, as Watch Officer, December, 1868; ordered to "Richmond" as Navigator, December, 1869; ordered to "Shenandoah" as Executive Officer, August, 1871, to July, 1873; attached to Naval Academy, September, 1873; Executive Officer U. S. S. "Franklin," November, 1873, taking part in the squadron evolutions at Key West, during the "Virginius" excitement; ordered as Executive Officer of "Dictator," March, 1874; commanding Naval Rendezvous, Boston, July, 1874; Executive Officer receiving-ship "Ohio," Boston, January, 1875; Torpedo School, Newport, Rhode Island, for instruction, May, 1875; special duty Bureau of Ordnance, September, 1875; employed at West Point Foundry, Cold Spring, New York, inspecting rifle ordnance. Commissioned *Commander*, June 10, 1876; ordered to Constantinople, Turkey, to command the "Despatch," December, 1877; ordered to command the "Miantonomah," October, 1882; ordered to command the U. S. S. "Monocacy," Asiatic Station, August 23, 1883; employed in protecting American interests in Foo Chow during bombardment of the arsenal by French fleet under Admiral Courbet; commandant at Naval Training Station, Newport, Rhode Island, October, 31, 1887. Commissioned as *Captain*, September 27, 1891; ordered to command U. S. S. "Atlanta," December 10, 1891; May 28 1893, placed on waiting orders.

George W. Sumner.—Born in Constantine, St. Joseph's County, Michigan, December 31, 1841. Appointed from Fifth Congressional District, Kentucky, September 20, 1858; at Naval Academy, 1858–61; attached to steam frigate "Colorado," West Gulf Blockading Squadron, 1861; Mortar Flotilla, 1862; Executive Officer of Senior Officer's vessel, of Third Division of Flotilla; bombardment of Forts Jackson and St Philip, April, 1862; special duty on board U. S. S. "Harriet Lane," during morning of passage of Forts Jackson and St. Philip; Vicksburg batteries, 1862. Commissioned as *Lieutenant*, August 1, 1862; West Gulf Blockading Squadron, 1863–4; Executive Officer, U. S. S. "Pinola;" Navigation Officer U. S. S. "Pensacola;" Naval Academy, Newport, R. I.; U. S. S. "Macedonian;" other service in West Gulf Blockading Squadron, etc., 1861–4; steamer "Massasoit," Executive Officer, North Atlantic Blockading Squadron, 1864–5; commanded U. S. S. "Massasoit" in the latter part of January, 1865, in the James River, Va., when the rebel iron-clads "Fredericksburg" and "Virginia" came down to the obstructions at Dutch Gap, with the intention of going down to City Point to destroy General Grant's transports and stores at that place; and assisted U. S. S. "Onondaga" in her engagement with these vessels, defeating their plans and forcing them to retreat up the James River; steamer "De Soto," Atlantic Squadron, 1866–7, as Navigation and as Executive Officer. Commissioned as *Lieutenant-Commander*, July 25, 1866;

steam-frigate "Franklin," flag-ship European Squadron, 1868–71; as Watch Officer, and as Navigation Officer; Hydrographic Office, 1872–6 Commissioned as *Commander*, June 13, 1876; commanding "Monocacy," Asiatic Station, 1877–80; special duty, Washington, 1880–1; Bureau of Ordnance, 1881–6; waiting orders, 1886–7; commanding "Galena," flag-ship, North Atlantic Station, 1888–91; Equipment Officer, Navy Yard, New York, 1891–3; commanding U. S. S. "Baltimore," February to May, 1893, during "Naval Review;" General Inspector U. S. S. "Columbia," May, 1893, to date.

Benjamin F. Day.—Born in Ohio. Appointed from Ohio, September 20, 1858; Naval Academy, 1858–61; attached to steamer "New London," W. G. B. Squadron, 1862–3; wounded in a night engagement at Madam Winchester's plantation, July 9, 1863. Commissioned as *Lieutenant*, August 1, 1862; steam-frigate "Colorado," W. G. B. Squadron, 1863–4; steamer "Saugus," N. A. B Squadron, 1864–5; engagements with Howlett House batteries in James River; attacks on Fort Fisher; steam-sloop "Tuscarora," Pacific Squadron, 1866–8. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-sloop "Contocook," flag-ship N. A. Squadron, 1868–9; "Ticonderoga" (second-rate), 1871; "Congress" (second-rate), special service, 1872; and same ship, European Station, 1872–3; R. S. "New Hampshire," 1874–5; commanding "Manhattan" (iron-clad), N. A. Station, 1876. Commissioned as *Commander*, August 8, 1876; commanding naval force, Rio Grande, 1877–8; Navy Yard, Norfolk, 1879–81; torpedo instruction, 1881; Light-House Inspector, 1881–4; commanding "Mohican," Pacific Station, 1885–8; waiting orders, 1888; Navy Yard, Boston, 1889 to December, 1892. Promoted to *Captain*, November 5, 1891; commanding U. S. S. "Boston," February, 1893, to September, 1893, and then placed on waiting orders.

William R. Bridgman.—Born in Iowa. Appointed from Iowa, November 29, 1859; Naval Academy, 1859–61; West Gulf Blockading Squadron, 1861–2; passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans, April, 1862. Promoted to *Ensign*, September 16, 1862; Mississippi Squadron, 1862–3; capture Arkansas Post, 1862; most of the naval fights about Vicksburg, ending in the capture of the city, July, 1863; steam-frigate "Niagara," special service, 1863–4. Commissioned as *Lieutenant*, February 22, 1864; steam-sloop "Lancaster," flag-ship Pacific Squadron, 1864–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-frigate "Minnesota," special service, 1867–8; steam-sloop "Contocook," flag-ship North Atlantic Squadron, 1868–9; frigate "Sabine," special cruise, 1869–70; Naval Academy, 1870–1; "Constellation" (gunnery-ship), 1871–3; commanding "Palos" (fourth-rate), Asiatic Station, 1873–6. Commissioned as *Commander*, September 21, 1876; Light-House Inspector, 1877–80; torpedo instruction, 1881; commanding "Despatch," surveying duty, 1881–2; commanding "Kearsarge," North Atlantic and European Stations, 1882–5; Light-House Inspector, 1886–7; member of Board of Inspection and Survey, 1889 to June, 1892. Promoted to *Captain*, January 10, 1892; commanding U. S. S. "Baltimore, June, 1892, to date.

Alexander H. McCormick.—Born in the District of Columbia, 1842. Appointed as *Acting Midshipman* at the Naval Academy, from Texas, September, 1859; ordered into active service, April, 1861; served in the steamer "Quaker City," on the Chesapeake Bay Blockade, from June to September, 1861; on the receiving-ship "North Carolina" from October to December, 1861; in the steamer "Norwich," South Atlantic Blockading Squadron, from January, 1862, to April, 1863. Appointed a volunteer *Acting Master*, April,

1862; at the bombardment of Fort Pulaski, 1862, and of fort in Winyaw Bay, S. C., 1862. Promoted to *Ensign*, December, 1862; at second occupation of Jacksonville, Florida, 1863; in the "Housatonic," off Charleston, from April to July, 1863; in the "Wabash," from July to September, 1863. Promoted to *Lieutenant*, February, 1864; in the steam sloop-of-war "Iroquois," on special service, from March, 1864, to October, 1865; in the "Chattanooga" from February to August, 1866. Promoted to *Lieutenant-Commander*, July, 1866; on duty in the Department of Mathematics, Naval Academy, from September, 1866, to June, 1869; in the "Macedonian," from June to September, 1867; in the flag-ship "Lancaster," on the East Coast of South America, from August, 1869, to July, 1872; in the "Portsmouth" from July to September, 1872; in the Department of Astronomy and Navigation at the Naval Academy, from September, 1872, to July, 1875; in the steamer "Fortune," from July to September, 1873; in the "Pensacola," flag-ship of the Pacific Station, from July, 1875, to November, 1876. Promoted to *Commander*, September, 1876; on duty in the Bureau of Ordnance, from February, 1877, to November, 1881; in command of the "Essex," in a cruise around the world, from November, 1881, to January, 1885; as Inspector of Ordnance, at the Navy Yard, Washington, from March, 1885, to October, 1888; in the Bureau of Ordnance, from October, 1888, to November, 1889; as Inspector of Ordnance, at the Navy Yard, Brooklyn, December, 1889, to June, 1892. Promoted to *Captain*, April 3, 1892; commanding "Lancaster," June, 1892, to date.

Albert S. Barker.—Born in Massachusetts. Appointed from that State, October 25, 1859; at Naval Academy, 1859–61; in steam-frigate "Mississippi," West Gulf Blockading Squadron, 1861–3; bombardment and passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans, 1862; in attack on and attempted passage of Port Hudson, March 14, 1863, where the "Mississippi" was destroyed, after which he joined the steam-sloop "Monongahela," and took part in the siege of Port Hudson, in the fight below Donaldsonville and guerrilla fighting generally, until the river was clear. Promoted to *Ensign*, February 22, 1862; detached from "Monongahela," August 9, 1863, and ordered home in the "Brooklyn;" detached August 26, 1863; steam-frigate "Niagara," special service, September 29, 1863, to February 22, 1864. Commissioned as *Lieutenant*, February 22, 1864; flag-ship "Lancaster," Pacific Station, May 1, 1864, as Flag-Lieutenant; transferred to flag-ship "Powhatan," July, 1866, while "Lancaster" was being repaired; witnessed the bombardment of the batteries at Callao by the Spanish fleet under Admiral Nuñez. Commissioned as *Lieutenant-Commander*, July 25, 1866; returned home in "Lancaster;" detached, March 18, 1867; flag-ship "Guerriere" and "Quinnebaug," South Atlantic Station, May 21, 1867, to July, 1869; monitor "Terror," November 25, 1869, to November 26, 1870; "Wachusett," European Station, June 1, 1871, to June 25, 1873; Torpedo Station, September 1, 1873, to July 13, 1874; while there fired shells filled with dynamite from 24-pound howitzers, using the ordinary powder cartridge, being the first one to fire dynamite in shells on this continent, as far as known; temporary duty as Executive of "Intrepid," July 13, 1874, to September 15, 1874; Naval Academy, September 15, 1874, to February 20, 1876, when he was ordered to command the "Palos," Asiatic Station; remained on her one year, when received orders to return home for examination for promotion, but was detained at Yokohama, Japan, to take command of the U. S. S. "Alert," and while in that vessel cruised among the islands in the vicinity of New Guinea and Dampier

Straits, in search of a supposed shipwrecked crew; skirted and examined many islands, found the object of search, and returned to China via Amboyna, Ternate, and the Philippine Islands; reached home, October, 1877. Commissioned as *Commander*, March 28, 1877; Torpedo Station, summer of 1878; Light-House Inspector, Eighth District, November, 1878, to January 1, 1881; commanding monitor "Montauk," July 24, 1882, to December 3, 1882, when was ordered to command the "Enterprise." While on this vessel ran a line of deep sea soundings around the world, the casts being taken at intervals of about 100 miles. The line between New Zealand and Magellan Straits was made on a latitude 47° to 52° south. On the way out, visited South Africa, Madagascar, Zanzibar, Comoro, and Seychille Islands; reached the Straits of Sunda six days after the great eruption of Krakatoa, when the accompanying tidal-wave swept into the sea the large town of Anjer and all other settlements in the vicinity; rendered such assistance to the Dutch authorities as was possible; was present at Pagoda Anchorage, Mire River, China, when the French fleet under Vice-Admiral Courbet sunk the Chinese men-of-war, destroyed the arsenal, and demolished the forts on each side of the river, 1885; returned home by way of Australia and New Zealand; detached from "Enterprise," April 1, 1886; Light-House Inspector, Second District, October 1, 1886, to November 15, 1889; Bureau of Navigation, December, 1889, to December, 1891; special duty, Navy Yard, Washington, December, 1891, to July, 1892. Promoted to *Captain*, May 5, 1892; commanding "Philadelphia," July, 1892, to date.

Charles Stanhope Cotton.—Born February 15, 1843, at Milwaukee, Wis. Appointed *Acting Midshipman*, at Naval Academy, Annapolis, Md., from First District of Wisconsin, September 23, 1858; May 10, 1861, detached from the Naval Academy, and detailed for active duty; June 7 to August 15, 1861, served on board frigate "St Lawrence;" on July 28 she captured the Confederate privateer "Petrel;" August 15 to November 19, duty in Philadelphia in connection with the trial of prisoners captured on board the "Petrel;" November 19, 1861, to February 24, 1863, served on board frigate "Minnesota," flag-ship, N. A. B. Blockading Squadron; participated in action between "Merrimac" and "Monitor" and the fleet in Hampton Roads, on March 8 and 9, 1862. Promoted to *Ensign*, November 11, 1862; February 24 to July 13, 1863, attached to steam-sloop "Iroquois," off Wilmington, N. C.; March 8, 1864, to August 10, 1865, attached to steam-sloop "Oneida," W. G. B. Squadron, except a few weeks of service on board the "Hartford" and the "Kineo." Promoted to *Lieutenant*, February 22, 1864; August 5 to 23, 1864, served on board "Oneida" during battle of Mobile Bay and subsequent operations to surrender of Fort Morgan; November 13, 1865, to May 3, 1869, attached to steam-sloop "Shenandoah," in the East Indies and China. Promoted to *Lieutenant-Commander*, July 25, 1866; from September 30, 1869, to July 29, 1870, duty at Naval Academy; October 1 to December 23, 1870, duty at Navy Yard, Kittery; January 5 to April 24, 1871, attached to frigate "Tennessee," San Domingo Expedition; April 24, 1871, to February 16, 1874, attached to steam-sloop "Ticonderoga" as Executive on the Brazil Station; May 1, 1874, to June 1, 1876, duty at Navy Yard, Kittery; June 1 to September 9, 1876, Torpedo Instruction at Newport; September 15, to October 4, 1876, Executive of receiving-ship "Worcester," Norfolk; October, 1876, to July, 1880, on duty at New York Navy Yard. Promoted to *Commander*, April 25, 1877; commanding U. S. S. "Monocacy," Asiatic Station, September, 1880, to September, 1883, except a period of six weeks, during which commanded the U. S. S. "Alert" on that

station, June–July, 1881; Inspector of Ordnance, Navy Yard, Norfolk, Va., from January, 1884, to October, 1887; Inspector Fifteenth Light-House District, from October, 1887, to December, 1890; commanding "Mohican," April, 1891, to May, 1892. Promoted to *Captain*, May 28, 1892; commanding receiving-ship "Independence," May, 1892, to date.

John R. Bartlett.—Born in New York. Appointed from Rhode Island, November 25, 1859; Naval Academy, 1859–61; attached to steam-sloop "Mississippi," West Gulf Blockading Squadron, 1861–2; bombardment and passage of Forts Jackson and St. Philip, Chalmette batteries and capture of New Orleans; attack on Vicksburg, June, 1862; steam-sloop "Brooklyn," West Gulf Blockading Squadron, 1862–3. Promoted to *Ensign*, September 8, 1863; South Atlantic Blockading Squadron, 1863–4. Commissioned as *Lieutenant*, February 22, 1864; steam-sloop "Susquehanna," North Atlantic Blockading Squadron, 1864–5; bombardment of Fort Fisher, December, 1864; on shore with assaulting party at capture of Fort Fisher, January, 1865; steam-sloop "Susquehanna," special service, 1866. Commissioned as *Lieutenant-Commander*, July 25, 1866; steamer "Nipsic," Atlantic Squadron, 1866–7; Naval Academy, 1867–9; frigate "Sabine," special cruise, 1869; T. and N. Surveying Expedition, 1870–1; special duty, 1871–2; ordnance duty, Navy Yard, Boston, 1872–4; Hydrographic Office, 1877. Commissioned as *Commander*, 1877; Bureau of Equipment, 1877–9; commanding Coast Survey steamer "Blake," 1879–82; in charge of Hydrographic Office, 1882–8; leave of absence, 1889 to December, 1890; commanding "Marion," April, 1891, to December, 1892. *Captain*, July 1, 1892; special duty, December, 1892, to May, 1893, and then ordered to command "Atlantic."

Silas Wright Terry.—Born in Kentucky, December 28, 1842. Appointed *Acting Midshipman*, Naval Academy, September 28, 1858. Appointed *Ensign*, September 16, 1862. Commissioned *Lieutenant*, February 22, 1864. Commissioned *Lieutenant-Commander*, July 25, 1866. Commissioned *Commander*, July 11, 1877. Upon the outbreak of the Rebellion in 1861, before completing academic course, was ordered to New York Navy Yard for active service, and, from June, 1861, to September, 1862, attached to the sloop "Dale," blockading on the Atlantic coast; engagement with rebel sharpshooters on a boat expedition up South Edisto River, April, 1862; attached to flag-ship "Wabash," September and October; "Alabama" in November; December, 1862, aide on staff of Rear-Admiral Lee; from March to July, 1863, steam-sloop "Dacotah," blockading mouth of Cape Fear River; flag-ship "Black Hawk," Mississippi Squadron, from September, 1863, to October, 1864; took part in Red River Expedition, and at Alexandria, La.; was placed in command of transport "Benefit," with a detachment of fifty men and two brass howitzers, to carry despatches and supplies to Admiral Porter. In a letter to the Secretary of the Navy, dated May 4, 1864, Admiral Porter says: "I endeavor to do justice to all officers under my command, but have failed to mention the gallant conduct of Ensign S. W. Terry on the expedition up Red River. He was placed on board of the transport 'Benefit' to take despatches to me at Springfield Landing. I had a field-piece and a twenty-four pounder howitzer placed on this vessel, and a part of the crew of the flag-ship to go to her. About fifty miles above Grand Ecore Mr. Terry discovered a battery of four guns facing down the river, on which he opened fire with his howitzers and steamed on. The battery opened a quick fire on him, striking the little vessel almost every time. The river captain of the 'Benefit' was killed, together with three other men, but the little transport fought her way through and brought me the despatches, which were important.

Such cool and brave conduct gives promise of a good officer. I commend him to the notice of the Department." The President, "with the advice and consent of the Senate," advanced Lieutenant Terry five numbers in his grade "for gallant conduct on the expedition up Red River." In May, 1864, was appointed Detail Officer on the staff of Admiral Porter, and served in this capacity until the Admiral was relieved at the close of the war, May 5, 1865. Was present during the operations of the naval force under Admiral Porter against Forts Fisher and Anderson, and at the capture of Wilmington in February, 1865; afterwards in the culminating events in James River, and present at the fall of Richmond; accompanied President Lincoln and Admiral Porter when they entered Richmond the morning it was occupied by the army of General Grant; from August, 1865, to November, 1868, served on steam-sloop "Ticonderoga," European Station; Naval Academy, 1869 to 1871; Executive Officer of the flag-ships "Severn" and "Worcester," from March, 1871, to June, 1873; 1873 to 1874, Naval Observatory; 1874 to 1877, Naval Academy; 1877 to 1880, Inspector Fifth Light-House District; May, 1881, to December, 1882, commanding "Marion," South Atlantic Station; while at Montevideo in November, 1881, was ordered by cable to "proceed to Heard Island, lat. 53° 20′ S., long. 73° 30′ E., to rescue crew of bark 'Trinity,' supposed to be there." Left Montevideo November 14, 1881, stopping for coal and supplies at Cape Town; reached Heard Island January 15, and rescued thirty-three of the "Trinity's" crew, who had been wrecked October, 1880, and just in time to save them from starvation, as the little food saved from the wreck had been exhausted several months before and they were existing upon such sea-fowls and their eggs as could be obtained on this desolate island. From Cape Town Commander Terry wrote the Department, December 20, that he would sail for Heard Island on the 24th, and hoped to be back by the 20th of February. His hopes were realized, for on the 20th of February, 1882, the "Marion" anchored off Cape Town, and Commander Terry's cable despatch announcing the rescue of the "Trinity's" crew was received by the Secretary of the Navy the same afternoon. The day after reaching Cape Town, Commander Terry was requested by Lloyd's agents to render assistance to the English ship "Poonah," stranded on the beach about ten miles northeast of the port. The request was complied with, though it was known the commander of the English Squadron, then lying off Simonstown, had declined to render any assistance. Fortunately, the efforts of the "Marion" were successful in hauling the "Poonah" off, and she was soon able to continue her voyage to India. For this service Commander Terry received the thanks of the Colonial Government, embodied in a resolution of the ministry, accompanied by a flattering letter from the Governor and High Commissioner, Sir Hercules Robinson; also the thanks of Her Majesty's Government, transmitted through the British Minister at Washington, to the Department of State and the Navy Department. From April, 1883, to October, 1884, League Island Navy Yard; October 14, 1880, to May 26, 1886, commanding the training-squadron, comprising "Portsmouth," "Jamestown," and "Saratoga;" October, 1887, appointed member of the Naval Examining and Retiring Board to May, 1893. Promoted *Captain*, January 9, 1893; commanding U. S. S. "Newark," May, 1893, to date.

Merrill Miller.—Born in Ohio. Appointed from Ohio, November 28, 1859; Naval Academy, 1859–61; attached to frigate "Potomac," Atlantic coast, 1861–62. Promoted to *Ensign*, October 13, 1862; Mississippi Squadron, 1862–63; battle of Arkansas Post, 1863; Haines' Bluff, 1863; in charge of mortar-boats, at siege of Vicksburg, for twenty-three days, in 1863. Com-

missioned as *Lieutenant*, February 22, 1864; North Atlantic Blockading Squadron, 1864–65; expedition up James River, 1864; both attacks on Fort Fisher; attached to iron-clad "Monadnock" on her passage from New York to San Francisco, 1866. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1867–69; steam-sloop "Lancaster," flag-ship, South Atlantic Squadron, 1869–72; "Worcester" flag-ship N. A. Station, 1872–74; Naval Academy, 1875–79. Commissioned as *Commander*, 1878; commanding U. S. S. "Yantic," North Atlantic Station, 1880; Light-House Inspector, 1881–84; commanding "Marion," Asiatic Station, 1885–88; Navy Yard, Portsmouth, 1888–89; Naval Home, Philadelphia, 1889 to September, 1892; Light-House Inspector, September, 1892, to January, 1893. Promoted *Captain*, February 25, 1893; commanding U. S. receiving-ship "Franklin," January, 1893, to date.

John J. Read.—Born in New Jersey. Appointed from New Jersey, September 21, 1858; Naval Academy, 1858–61; Atlantic Squadron, 1861; steam-sloop "Hartford," flag-ship, West Gulf Blockading Squadron, 1862; in all of Farragut's battles, from the Southwest Pass of the Mississippi River to Vicksburg, 1862–3. Promoted to *Ensign*, November 22, 1862; South Atlantic Blockading Squadron, 1863–4. Commissioned as *Lieutenant*, February 22, 1864; steamer "R. R. Cuyler," North Atlantic Blockading Squadron, 1864–5; steamer "De Soto," Atlantic Squadron, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; steamer "Rhode Island," Atlantic Squadron, 1867; steam-sloop "Susquehanna," flag-ship, North Atlantic Squadron, 1867–8; steamer "Michigan," on the lakes, 1869; "Guerriere" (second-rate), European Station, 1870–2; "Richmond (second-rate), North Pacific Station, 1873–6; commanding "Richmond," flag-ship, South Pacific Station, 1876–7; Bureau Yards and Docks, 1877–9. Promoted to *Commander*, December, 1877; Light-House Inspector, 1879–83; commanding "Michigan," 1883-6; Light-House Inspector, 1886 to December, 1890; commanding "Iroquois," March, 1891, to July, 1892; Light-House Inspector, July, 1892, to May, 1893. Promoted *Captain*, April 27, 1893.

Mortimer L. Johnson.—Born in Vermont. Appointed from same State, September 30, 1859; Naval Academy, 1859–61; attached to steam-sloop "Mississippi," 1861; steam-sloop "Tuscarora," special service, 1862-3. Promoted to *Ensign*, September 24, 1863; South Atlantic Blockading Squadron, 1864–5. Commissioned as *Lieutenant*, February 22, 1864; steamer "Nipsic," Atlantic Squadron, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1866–9; steam-sloop "Juniata," European Squadron, 1869; Navy Yard, Portsmouth, New Hampshire, 1870–1; receiving-ship "Sabine," 1873–4; receiving-ship "Ohio," 1875; receiving-ship "Wabash," 1875–9. Promoted to *Commander*, May, 1878; commanding "Ashuelot," Asiatic Station, 1879–80; special duty, 1882; Navy Yard, Boston, 1884; commanding "Monocacy," Asiatic Station, 1889, to December, 1891; waiting orders, October, 1892, to May, 1893; Equipment Officer, Navy Yard, Portsmouth, May, 1893, to October, 1893; at present waiting orders. Commissioned *Captain*, 1893.

Edwin M. Shepard.—Born in New York. Appointed from New York, November 24, 1859; Naval Academy, 1859–61; attached to sloop "Vincennes," West Gulf Blockading Squadron, 1861–2; passes of the Mississippi River. Promoted to *Ensign*, November 22, 1862; steam-sloop "Mississippi," West Gulf Blockading Squadron, 1862–3; remained on board the "Mississippi" until her destruction; ordered thence to gunboat "Essex;" remained on board during the siege of Port Hudson, and served with naval battery of

nineteen guns on shore with the army for several weeks; received a commendatory letter from General Arnold, General Banks' Chief of Artillery; attached to monitor "Mahopac" during the siege of Charleston, South Carolina, and in James River; steam-sloop "Wachusett," special service, 1864–5; capture of rebel privateer "Florida," October 7, 1864. Commissioned as *Lieutenant*, February 22, 1864; steamer "Vanderbilt," June, 1865; during the trial-trip of the "Dictator;" steamer "Tacony," Atlantic Squadron, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; steamer "Osceola," Atlantic Squadron, 1867; apprentice-ship "Saratoga," 1868–9; "California" (second-rate), 1871; torpedo service, 1872; "Hartford" (second-rate), flag-ship, Asiatic Squadron, 1872–5; during Asiatic cruise, from 1872 to 1875, twice ordered to commands, first the "Palos" for a short time, and the "Yantic" for several months in 1875; ordnance duty, Washington, 1875–6; Navy Yard, Portsmouth, New Hampshire, 1876–8. Promoted to *Commander*, June, 1878; Naval Academy, 1878–81; commanding "Constitution," 1879–81; commanding "Enterprise," North Atlantic Station, 1882; commanding nautical school-ship "St. Mary's," 1882–6; Naval Asylum, Philadelphia, 1886–9; May, 1889, commanded the U. S. S. "Kearsarge" for four months; commanded "Mohican," Pacific Squadron, February, 1890, to August, 1891; Light-House Inspector, August, 1891, to May, 1893; Equipment Officer, Navy Yard, New York, May, 1893, to August, 1893; commanding U. S. S. "Minnesota," August, 1893, to date. Commissioned *Captain*, 1893.

Robley D. Evans.—Born in Virginia. Appointed from Utah, September 20, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to steam-sloop "Powhatan," West India Squadron, 1864; North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher, January 15, 1865; in the land attack on Fort Fisher received two severe wounds from rifle-shots; Navy Yard, Philadelphia, 1866. Commissioned as *Lieutenant*, July 25, 1866; ordnance duty, at Navy Yard, Washington, 1867; steam-sloop "Piscataqua," flag-ship, Asiatic Squadron, 1867–9. Commissioned as *Lieutenant-Commander*, March 12, 1868; Navy Yard, Washington, 1870–1; Naval Academy, 1871–2; "Shenandoah" (second-rate), European Fleet, 1873; "Congress" (second-rate), European Fleet, 1873–6; commanding training-ship "Saratoga," 1877–8. Promoted to *Commander*, July, 1878; Navy Yard, Washington, 1881–2; Light-House Inspector, 1882–6; Chief Inspector of Steel, new cruisers, 1886–7; Secretary Light-House Board, 1887–89; leave of absence, October, 1889, to July, 1891; commanding U. S. S. "Yorktown," July, 1891, to November, 1892; Secretary Light-House Board, November, 1892, to date. Commissioned *Captain*, 1893.

George W. Coffin.—Born in Massachusetts. Appointed from Massachusetts, September 20, 1860; Naval Academy, 1860–3 Promoted to *Ensign*, October 1, 1863; steam-sloop "Ticonderoga," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher; wounded by a Minié-ball in right leg at land assault on Fort Fisher; steamer "Shawmut," Brazil Squadron, 1866. Commissioned as *Lieutenant*, July 25, 1866; steam-frigate "Franklin," European Squadron, 1867–8. Commissioned as *Lieutenant-Commander*, March 12, 1868; Naval Academy, 1868–9; Chief-of-Staff, S. S. of North Atlantic Fleet, 1870–1; "Constellation" (gunnery-ship), 1871–2; Naval Academy, 1873–4; "Plymouth," North Atlantic Station, 1875; "Hartford," flag-ship, North Atlantic Station, 1875–6; Coast Survey (commanding "Hassler"), 1876–8. Promoted to *Commander*, November, 1878; Light-House Inspector, 1881–4; ordnance duty, Navy Yard, New York,

1884–6; commanding steamer "Alert," Greely Relief Expedition, 1884; commanding steamer "Quinnebaug," Mediterranean Squadron, 1886–7; Light-House Inspector, 1888–9; Secretary Light-House Board, 1889, to November, 1892; leave of absence, November, 1892, to date. Promoted *Captain*, 1893.

CAPTAINS ON THE RETIRED LIST.

Retired on their own application, after forty years' service.

Milton Haxtun.—Born in New York. Appointed from New York, October 19, 1841; attached to brig "Dolphin," Home Squadron, 1841–3; frigate "Congress," Brazil Squadron, 1843–5; brig "Bainbridge," Brazil Squadron, 1846; Home Squadron, 1846–7; attack on Alvarado, 1846; Naval School, 1847–8. Promoted to *Passed Midshipman*, August 10, 1847; mail-steamer "Ohio," 1850; mail-steamer "Baltic," 1851; sloop "Plymouth," East India Squadron, 1852–4. Attack on and capture and destruction of Imperial Chinese fortified camp (defended by several thousand troops), by a party of about three hundred American and British "blue-jackets" and marines, at Shanghai, April, 1854. Commissioned as *Lieutenant*, September 15, 1855; sloop "John Adams," Pacific Squadron, 1856–8; receiving-ship, New York, 1858; steamer "Mystic," coast of Africa, 1860–1; North Atlantic Blockading Squadron, 1862; attack and capture of Fort Macon, April 26, 1862. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-gunboat "Kineo," Western Gulf Blockading Squadron, 1863; commanding steamer "Maratanza," North Atlantic Blockading Squadron, 1864; commanding steamer "Mercedita," North Atlantic Blockading Squadron, 1864–5; Naval Rendezvous, New York, 1866; receiving-ship, New York, 1866. Commissioned as *Commander*, December 29, 1866; Naval Rendezvous, New York, 1868; commanding the store-ship "Onward," Pacific Fleet, 1869–71; Navy Yard, New York, 1871–5; commanding "Vandalia" (third-rate), N. A. Station, 1876; commanding "Despatch" (fourth-rate), special service, Europe, 1877–8; Navy Yard, Boston, 1878–81. Promoted to *Captain*, February, 1878. Retired, February, 1883, on his own application, after more than forty years' service, under Revised Statutes.

S. Livingston Breese.—Born in Illinois. Appointed from Illinois, May 14, 1846; attached to sloop "Germantown," Home Squadron, 1846–8; participated in the capture of Tuspan and Tobasco; sloop "St. Mary's," East India Squadron, 1849–50; brig "Bainbridge," Brazil Squadron, 1851; Naval Academy, 1852. Promoted to *Passed Midshipman*, June 8, 1852; brig "Dolphin," special service, 1853; sloop "Cyane," Home Squadron, 1853–4; while on the "Cyane," assisted in the destruction of Graytown; Coast Survey, 1855–7. Commissioned as *Lieutenant*, September 16, 1855; steam-frigate "Merrimac," Pacific Squadron, 1858–60; steam-sloop "Richmond," Mediterranean Squadron, 1860; steamer "Crusader," 1861; commanded yacht "Wanderer," as despatch-vessel, in the Gulf, 1861; steamer "Quaker City," South Atlantic Blockading Squadron, 1862–3; engaged with rebel iron-clads off Charleston, in January, 1863. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-gunboat "Ottawa," South Atlantic Blockading Squadron, 1863–4; Inspector, etc., Navy Yard, Pensacola, Florida, 1867–8. Commissioned as *Commander*, April 14, 1867; commanded the steam-gunboat "Galena," 1869; Naval Observatory, 1870–1; commanding R. S. "Vandalia," 1871–2; commanding R. S. "Potomac," 1872–3; equip-

ment duty, Norfolk, 1874; commanding "Ossipee" (third-rate), N. A. Station, 1875–8. Promoted, April, 1878; commanding R. S. "Wabash," 1878–81; commanding "Lancaster," S. A. Station, 1886–8. Retired, March, 1888.

Henry Wilson.—Born in New York. Appointed from New York, October 22, 1847; attached to steamer "Alleghany," Brazil Squadron, 1847–8; sloop "Marion," East India Squadron, 1849–50; sloop "Plymouth," 1851; Home Squadron, 1852; Naval Academy, 1853. Promoted to *Passed Midshipman*, June 10, 1853; steamer "Fulton," Home Squadron, 1853–6. Commissioned as *Lieutenant*, September 16, 1855; Coast Survey, 1857-8; steamer "Caledonia," Brazil Squadron, and Paraguay Expedition, 1858–9; store-ship "Relief," Home Squadron, 1859–60; sloop "Vandalia," 1861; steamer "Hatteras," Western Gulf Squadron, 1862; commanding steam-gunboat "Owasco," Western Gulf Squadron, 1862–3. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steam-gunboat "Cayuga," Western Gulf Squadron, 1864–5; special duty, Navy Yard, New York, 1866–7; commanding steamer "Saco," North Atlantic Squadron, 1867–9. Commissioned as *Commander*, April 30, 1867; commander steam-sloop "Frolic," special service, 1870; commanding "Frolic," flag-ship, Port-Admiral, New York, 1873; commanding "Catskill" (iron-clad), N. A. Station, 1875–6. Promoted to *Captain*, May 19, 1878; special duty, 1878–9; commanding "Trenton," European Station, 1879–80; commanding "Lackawanna," Pacific Station, 1882–3; leave of absence, 1883; commanding receiving-ship "Franklin," 1884–6; waiting orders, 1887–8. Retired, March, 1889.

Augustus P. Cooke.—Born in New York. Appointed from New York on May 27, 1852; stationed at the Naval Academy until June 21, 1856. Warranted *Midshipman*, June 20, 1856; served on United States steamer "Wabash," Captain Engle, from August, 1856, to February, 1858, and on the United States steamers "Colorado" and "Roanoke," Captain Gardner, from March, 1858, to December, 1858. Warranted *Passed Midshipman*, from April 29, 1859; ordered to United States steamer "San Jacinto" as Acting Master and Navigator, May, 1859, and served in that vessel till December, 1861, under Captains Walker, Dornin, and Wilkes. Warranted *Master*, September 5, 1859, and commissioned *Lieutenant*, from December 28, 1860; ordered to United States steamer "Pinola," in January, 1862, as Executive-Officer under Lieutenant-Commanding Pierce Crosby. Commissioned *Lieutenant-Commander*, from August 11, 1862; on "Pinola," served under Admiral Farragut in the West Gulf Blockading Squadron; assisted in clearing obstructions in Mississippi River below Forts Jackson and St. Philip; participated in the capture of those forts and the taking of New Orleans; ascended the Mississippi above Vicksburg; detached from "Pinola" and ordered to command United States steamer "Estrella," October, 1862, under Rear-Admiral Farragut, West Gulf Blockading Squadron; on "Estrella" served chiefly in Louisiana waters through the Teche and Atchafalaya regions, belonging to a gun-boat flotilla, under command of Lieutenant-Commander Buchanan, of the "Calhoun;" in an engagement with the Confederate gunboat "Cotton," January 14, 1863, Lieutenant-Commander Buchanan was killed, when command of flotilla devolved on Lieutenant-Commander Cooke, of the "Estrella;" April 14, 1863, with "Estrella," "Arizona," and "Calhoun," in Grand Lake, La., engaged and destroyed the Confederate steamer "Queen of the West," capturing her crew; April 20, 1863, in company with the "Clifton," "Arizona," and "Calhoun," captured Fort Burton at Butte a la Rose, La., taking the garrison prisoners; proceeded up Atchafalaya River

and joined flag-ship "Hartford" at mouth of Red River, May 2, 1863; went up Red River as far as Alexandria with Admiral Porter's fleet; afterwards occupied in blockading on coast of Texas and in Matagorda Bay; detached from the "Estrella," in July, 1864, and ordered to the Naval Academy, August, 1864; served as Executive-Officer of the practice-ship "Marion," summer of 1865, and as Navigator of the practice-ship "Savannah," summer of 1866; detached from the Naval Academy in May, 1867, and ordered as Navigator of the United States steamer "Franklin," Captain Pennock, June, 1867; detached from the "Franklin," October, 1868, and ordered to the United States steamer "Ticonderoga," Captain Wyman, as Executive; detached from the "Ticonderoga," April, 1869; ordered to the Naval Academy, October, 1869; commanded practice-ship "Savannah," summer of 1870. Commissioned *Commander*, August, 1870; commanded practice-ship "Constellation" during summer cruise of 1873; detached from Naval Academy, October, 1873, and ordered to Torpedo Station, Newport, R. I; detached from Torpedo Station, July, 1874, and ordered to command torpedo-boat "Intrepid;" detached from "Intrepid," October, 1874, and ordered to command torpedo-boat "Alarm;" detached from the "Alarm," June, 1875, and ordered to command United States steamer "Swatara," North Atlantic Station; detached from "Swatara, August, 1877; ordered to command United States training-ship "Constitution," September, 1877; detached from the "Constitution," January, 1878, and ordered to command the United States receiving-ship "St. Louis," at Philadelphia, and also as Equipment Officer and Captain of the Yard at the United States Navy Yard, League Island, Pa.; detached from the League Island Navy Yard and the "St. Louis," September, 1879, and ordered to the Mare Island Navy Yard as Inspector of Ordnance; detached from the Navy Yard, Mare Island, Cal., February 15, 1883, and ordered, August 4, 1883, to command the "Lackawanna," Pacific Station; detached from the "Lackawanna," April 7, 1885, and ordered, September 28, 1885, to command the receiving-ship "Vermont," at New York; detached from the "Vermont," and ordered as Captain of the Yard at New York Navy Yard, in 1887; detached from the New York Navy Yard, March, 1888; commanded receiving-ship "Franklin," at Norfolk, from April, 1888, to September, 1890; special duty at New York, September, 1890, to May, 1892, when he was retired.

George Hamilton Perkins.—Born at Hopkinton, N. H., October 20, 1836. Graduated at the Naval School, in 1856; October 20, 1856, ordered on board the "Cyane," Captain Robb, to cruise in the West Indies; detached from the "Cyane," January 11, 1858; January 19, 1858, ordered to the "Release," Commander William A. Parker, for the Mediterranean and Paraguay. Appointed *Acting Master* of the "Release," August 18, 1858; detached from the "Release" and ordered to the "Sabine," at Montevideo, Captain H. A. Adams, March 17, 1859; April 29, 1859, ordered to the "Sumter," Commander Armstrong, as Acting Master, for cruise on the west coast of Africa. September 5, 1859, appointed *Master*; February 25, 1861, detached from the "Sumter;" December 16, 1861, ordered to the "Cayuga," Captain N. B. Harrison; passed Forts Jackson and St. Philip, April 24, 1862; passed the Chalmette batteries, April 25, 1862; engaged in several skirmishes up the Mississippi after the taking of New Orleans; October 31, 1862, detached from the "Cayuga," and ordered as Executive-Officer of the "Pensacola," Commodore H. W. Morris. December 31, 1862, appointed *Lieutenant-Commander*; June, 1863, given command of the gunboat "New London," to convey powder and despatches between New Orleans and Baton

Rouge; ran the batteries at Port Hudson successfully five times; on the sixth had a severe skirmish with the enemy at Whitehall's Point, July 9, 1863; July 31, 1863, ordered to the command of the "Scioto," for blockade duty off the coast of Texas; April 7, 1864, captured the "Mary Sorley," blockade-runner, laden with cotton; April 20, 1864, relieved from the command of the "Scioto," with leave to proceed North, but volunteered for the battle of Mobile Bay, and took command of the iron-clad "Chickasaw," July 28, 1864; in the subsequent operations, resulting in the taking of Mobile, and in the reduction of Forts Powell, Gains and Morgan, and in the capture of the "Tennessee," his ship was chiefly instrumental; July 10, 1865, detached from the "Chickasaw," with leave to proceed North; November 12, 1865, appointed Superintendent of iron-clads at New Orleans; April 16, 1866, detached from iron-clad duty, and ordered North; May 17, 1866, ordered as Executive Officer of the "Lackawanna" Captain Reynolds, for duty in the North Pacific; January 2, 1869, detached from the "Lackawanna;" March 19, 1869, ordered for ordnance duty to the Boston Yard. January 19, 1871, appointed *Commander*; March 3, 1871, given command of United States store-ship "Relief," to convey contributions to the French; from September, 1871, until January 29, 1876, on duty in Boston as Ordnance Officer and Light-House Inspector; January 29, 1877, commanding the "Ashuelot," Asiatic Squadron, 1879–81; Torpedo Station, Newport, 1882; leave of absence, 1883–5. Promoted to *Captain*, March, 1882; commanding "Hartford," Pacific Station, 1885–6. Waiting orders, 1887–8; leave of absence, 1889. Waiting orders, 1890; retired October 1, 1891.

Henry B. Seely.—Born at Seneca Falls, N. Y., July 7, 1838. Appointed from New York, May 26, 1852; Naval Academy, 1852–7; "Minnesota," East India Squadron, 1857–9. *Passed Midshipman*, June 25, 1860. *Master*, October 24, 1860; "Iroquois," European Station, 1860–1. *Lieutenant*, April 17, 1861; "Keystone State," West Indies (cruising), 1861; "Sumter," South Atlantic Blockading Squadron, 1861–2; "Saranac," Pacific Squadron, 1863–5. *Lieutenant-Commander*, February 21, 1864; "Bienville," West Indies, 1866; "Guerriere" and "Pawnee," 1867–9; commanding "Kansas," Paraguay River, 1869; Rendezvous, Boston, 1873. *Commander*, August 24, 1873; Light-House Inspector, 1873–6; torpedo instruction, 1878; commanding "Ajax," 1878–80; in charge of Rendezvous, New York, 1881; commanding "Nipsic," European and South Atlantic Squadrons, 1881–4. *Captain*, December 13, 1886; Navy Yard, League Island, Captain of Yard, 1884–8; commanding receiving-ship "St. Louis," 1886–7; Commandant Navy Yard, League Island, 1888, to March, 1891; commanding U. S. S. "Lancaster," March, 1891, to June, 1892, when he was placed on retired list.

Retired from incapacity resulting from long and faithful service.

Francis S. Haggerty.—Born in Pennsylvania. Appointed from Pennsylvania, February 17, 1832; attached to schooner "Experiment," Chesapeake Bay, 1832–3, and also in Charleston Harbor during the time of nullification, 1833; sloop-of-war "Ontario," coast of Brazil, 1833–4; frigate "Constitution," Mediterranean Squadron, 1835–7. Promoted to *Passed Midshipman*, July 23, 1838; frigate "Constitution," Pacific Squadron, 1838–41; Rendezvous, New York, 1841–2; Coast Survey, 1842–5. Commissioned as *Lieutenant*, December 19, 1843; steamers "Mississippi," and "Princeton," Home Squadron, 1844–6; brig "Bainbridge," coast of Africa, 1849–51; receiving-ship "New York," 1851–2; steam-frigate "Powhatan," Japan Expedition, Commodore Perry, 1852–5; Naval Observatory, Washington,

1855–7; steam-frigate "Saranac," Pacific Squadron, 1857–9; brig "Perry," East Gulf Squadron, 1860; at the commencement of the Rebellion, was employed on the river Potomac, in command of the brig "Perry;" was transferred to the sloop-of-war "Vandalia," belonging to the squadron under command of Commodore Dupont, Port Royal Expedition; convoyed the powder and store-ships to the place of destination; commanded the sloop-of-war "Vandalia," in the attack on the rebel batteries at Port Royal, November 7, 1861; taking an active part in the reduction of the batteries, and subsequently in blockading duty in the mouth of Savannah River; was placed on the retired list in consequence of injuries received in line of duty; received the thanks of Congress for meritorious service and conduct in conjunction with the other officers engaged in the above-mentioned conflict; ordnance duty, Boston, 1861–6. Commissioned as *Commander*, October 11, 1861. Commissioned as *Captain*, 1867; retired, March, 1867, in charge of ironclads, New Orleans, 1867–9; Light-House Inspector, Seventh District, Key West, Florida, 1870–1.

John F. McGlensey.—Born in Pennsylvania. Appointed from Pennsylvania, September 28, 1857; Naval Academy, 1857–60; Navy Yard, Washington, 1861; South Atlantic Blockading Squadron, 1861–3; battle of Port Royal, November 7, 1861. Commissioned as *Lieutenant*, July 16, 1862; East Gulf Blockading Squadron, 1864; steamer "Mingo," South Atlantic Blockading Squadron, 1864–5; several engagements with the enemy; steam-sloop "Monongahela," Atlantic Squadron, 1866–8. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1869; "Guerriere" (second-rate), European Fleet, 1870–2; "Ticonderoga" (second-rate), N. A. Squadron, 1874. Commissioned as *Commander*, February 8, 1875; Navy Yard, Pensacola, 1876–7; commanding "Canonicus" (iron-clad), N. A. Station, 1877–9; Navy Yard, Norfolk, 1881–3; commanding "Ossipee," Asiatic Station, 1883–6; Navy Yard, Portsmouth, 1886–8. Promoted to *Captain*, February, 1890; receiving-ship "Franklin," September, 1890–July, 92; commanding "Chicago," N. A. Station, July, 1892, to date of his retirement, May 8, 1893.

E. C. Merriman.—Born at Bradford, Steuben County, New York, July 28, 1840. He entered the Naval Academy, September 28, 1857. On the 9th of November, 1860, he resigned, supposing death to be very near from consumption. December 3, 1861, he re-entered the service as *Acting Master* and was ordered as Executive Officer of the U. S. S. ferry-boat "Westfield," Commander William B. Renshaw. Just before the time for sailing, Midshipman and Acting Master Thomas, of the U. S. S. "Norfolk Packet" (mortar schooner), was taken sick, and Lieutenant Merriman was ordered to report to Lieutenant-Commanding Watson Smith for duty as Executive Officer of her. She was the flag-ship of the First Division of Porter's Mortar Fleet and took an active part in the bombardment of Forts Jackson and St. Philip, below New Orleans. He returned to Norfolk on board the same schooner, "Norfolk Packet," and was ordered to the "Wachusett," the flag-ship of the Flying Squadron, commanded by Rear-Admiral Charles Wilkes. Commissioned as *Lieutenant*, July 16, 1862. In November, 1863, was transferred to the "Santiago de Cuba," Commander Daniel B. Ridgely. In July, 1864, was sent North in charge of the captured blockade-runner "Britannia." From there he was ordered as Executive Officer of the U. S. S. "Florida," Commander W. W. Queen—afterwards under Commander Pierce Crosby—cutting out and capturing prize steamers, etc., and constantly fired at by the "Half-Moon" and other batteries in the vicinity of Fort

Fisher. In April, was ordered as Executive of the monitor "Lehigh," capturing a blockade-runner, and bringing her to Philadelphia. In June, 1860, after a stay at home of thirteen days, Lieutenant Merriman was ordered to report to Rear-Admiral George F. Pearson, commanding the Pacific Squadron. He remained on the west coast of North and South America from June 25, 1865, until April, 1871, serving in the intervening time on board the "Lancaster," "St. Mary's," "Wateree," "Dacotah," "Tuscarora," and "Pensacola." In August, 1871, was ordered as Executive Officer of the "Worcester," and in January, 1872, was transferred to the "Canandaigua." In 1873, was Executive of the "Juniata," Commander D. L. Braine, searching for the "Polaris," and from her was made Executive Officer of the frigate "Colorado." In March, 1875, was promoted to *Commander* and ordered to command the iron-clad "Nantucket." From 1876 to 1879 was Light-House Inspector, Thirteenth District; 1880, Torpedo Station, Newport, Rhode Island; from 1881 to 1883, commanding "Adams," on Pacific Station; 1884 to February, 1887, Equipment Officer, Portsmouth, New Hampshire; 1887 to May, 1889, Equipment Officer, Navy Yard, Boston; August to December 31, 1889, Navigation Office, New York Yard; commanded the U. S. S. "St. Louis," League Island Navy Yard, December, 1889, to September, 1891. Promoted, July 31, 1890. Retired, September 26, 1891.

Retired as not recommended for promotion.

Thomas G. Corbin.—Born in Virginia, August 13, 1820. Appointed from Alabama, May 15, 1838. *Midshipman*, May 15, 1838; frigate "Brandywine," May, 1839; detached May, 1842; "Fairfield," May, 1842–3; "Preble," 1843. *Passed Midshipman*, May 15, 1844; surveying schooner "Nautilus," 1844–5; frigate "Columbia," 1845–7. *Acting Lieutenant*, latter part of cruise; Coast Survey, 1848–50. "St. Marv's," as *Acting Master*, 1850–3. *Lieutenant*, June 10, 1852; "Princeton," West India Squadron, 1853–5; "Active," 1855–6, Pacific and Puget Sound; "John Adams," 1856–7, Pacicific Ocean; frigate "Wabash," 1858–60, Mediterranean; Naval Rendezvous, Philadelphia, 1860–1; "Wabash," Executive Officer, April, 1861; August, 1861, engaged in the capture of the forts at Hatteras Inlet; and in the same vessel, in the capture, November 7, of Port Royal, South Carolina; and, 1862, in the fall of St. Augustine, Fernandina, etc. *Commander*, July 16, 1862; 1862–3, in command of flag-ship "Wabash," South Atlantic Blockading Squadron, S. F. Dupont, Rear-Admiral; July, 1863, Commandant of Midshipmen at Naval Academy, and Ordnance Officer, Philadelphia Navy Yard; "Augusta," 1864–5, North Atlantic Blockading Squadron; Fleet-Captain, West India Squadron, 1866. *Captain*, July 22, 1866; May, 1867–8, commanding flag-ship "Guerriere," South Atlantic Squadron; 1869–74, Courts Martial, Examining Boards, and Inspector of Light-Houses, Fourth District.

The cause of Captain Corbin's retirement is fully explained in the following report of the Naval Committee to the House of Representatives:

The Committee on Naval Affairs, to whom was referred the bill (H. R. 3532) for the relief of Capt Thomas G. Corbin, having had the same under consideration, respectfully submit the following report:

Captain Corbin was appointed an acting midshipman in 1838. He passed through all the intermediate grades of the service, and in July, 1866, was promoted to the rank of captain. On the 21st of May, 1873, Captain Corbin was ordered to report in Washington for an examination preliminary to promotion. On appearing before the examining board, he was informed that he would be required to submit to an oral

examination to test his proficiency in the knowledge of his profession. He thereupon filed a paper, electing, under section 3 of the Act of April 21, 1864, section 1560, Revised Statutes, to be absent during the examination of his case, which paper is as follows:

"MR. PRESIDENT AND GENTLEMEN OF THE BOARD: I am now given to understand that the board proposes to examine me, in person, by interrogatories, to ascertain my proficiency in one or more branches of professional knowledge.

"I respectfully object to any such examination, as entirely beyond the purview of the several acts of Congress under which the board is constituted.

"I call the attention of the board to the accompanying paper, marked A, embodying briefly the construction of the Act of 1864, which much careful consideration convinces me is the only tenable one. I refrain from presenting to the board at this time arguments which make it seem to me impossible that Congress should ever mean to subject a naval-officer of the rank of Captain, after thirty-five years' service, to the same sort of examination as a clerk in one of the executive departments.

"For at least eighty years of our national history the rank which I now hold was the highest to which an officer of the navy could attain. I should esteem myself wanting not only in self-respect, but in the duty which you and I, gentlemen, alike owe to the honor and dignity of our professions, should I willingly consent to such an examination as is now proposed. Happily, as I think, the law requires from me no such degradation.

'The Act of 1864, leaves it optional with me to be present or absent during the pending investigation, and I hereby elect to be absent. In doing so, I enter my solemn protest against such withdrawal being allowed any weight in framing your report in my case. Upon every principle of honor with which I am acquainted, a failure to report an officer as fitted for promotion is equivalent to the expression of an opinion that, for some reason, you deem that officer unfit for promotion. If from any testimony before the board, from any record in the department, or from any answer to written interrogatories, the board shall find matter requiring personal explanation from me, I will cheerfully answer the summons of the board, upon being 'duly notified' as required by third section of the Act of April 21, 1864.

"I respectfully request the board to examine and consider the accompanying paper.

"Very respectfully, your obedient servant,

"THOMAS G. CORBIN,

"*Captain United States Navy.*"

He filed therewith an argument, which is as follows:

"Before examining the purport of the law, it is to be observed that the board is to be governed solely by the act of Congress itself, which confers no other power upon the executive department of the government than to appoint the members of the board. In this respect it differs from some other acts of a similar character, as for instance, the Act of February 28, 1855, which directed the board of officers 'to perform their duty under such regulations as shall be prescribed by the Secretary of the Navy.' Accordingly, the Secretary embodied his 'instructions' in a letter to the board dated June 20, 1855, acting, as he expressly said, under the power conferred by Congress. The act under consideration gives no such power, and, therefore, there is no right in the Secretary of the Navy or the President to prescribe rules for the government of the board. They must be governed by the act, and the act alone.

"Taking up the act itself, it seems clear that the *normal mode* of procedure was intended to be without the presence of the party whose fitness is to be investigated.

"1. The first section is evidently intended to embody all that was expected to be usually essential for the decision of the case. It says nothing of the presence of the party or of any such thing as a literary, quasi-scientific or professional interrogation of the officer himself. It looks entirely to the ascertaining of the officer's fitness by examination of *witnesses* and records.

"2. That a decision in this matter was thought possible, and was expected, also, to be the usual mode, is made manifest by the 3d section, which states explicitly that any officer to be acted on by said board shall have the *right* to be present *if he desires it.* How could it be made more clear, that if he does *not* desire it, he need not appear?

"The right to appear is evidently based upon the supposition that something may occur to make it desirable for him to rebut testimony unfavorable to his professional character. In that case, he is given the right to make his own 'statement of his case,' to call witnesses, and to have the statement, the testimony of the witnesses, and his own 'examination' 'recorded.' This is the only 'examination' mentioned in the whole act

(except where the first section speaks of examining records), and it most clearly points to his examination as a witness in regard to some fact or facts then under consideration. It has no relation at all analogous to that in the new civil service system.

"3. If such an examination as that just referred to had been in contemplation of the act, it would certainly have clearly prescribed the nature and scope of the different subjects to be taken up for the different classes of officers, and, in various ways, have expressed such a purpose.

"4. The last clause of section 3 requires a word of comment. It must be noted that it expressly looks to the case of an officer declining to appear, after notice, and it does *not* say that his failing to appear shall be *ipso facto* ground for an unfavorable verdict, nor even for censure. Its meaning is simply this. It says to the officer: 'Something has turned up in this investigation which it was thought you might wish to explain or deny, and you were notified to appear. You preferred to remain absent, and you are stopped from any objection on that score.' His absence, after notice, is not to enter into consideration at all as an element in making up the judgment of the board.

"Respectfully submitted,

"THOMAS G. CORBIN,
"*Captain United States Navy.*"

In support of his right not to submit to an oral examination, as was required of him by the board, acting in pursuance to a circular of the department issued on the 25th of January, 1869, directing examining boards "to ascertain the fitness of the candidate for promotion by a rigorous personal examination as to his professional knowledge and qualifications." The Act of April 21, 1864, defines the duties of the examining board, and confers upon the Secretary of the Navy no authority to make any regulations in the premises, an authority which had been conferred by the Act of February 28, 1855. The omission of such authorization in the Act of 1864, it is evident, was intentional on the part of Congress, and not the result of accident. Still less could the Secretary of the Navy assume the power to subject an officer to an oral examination when the third section of the Act of 1864 expressly leaves it optional with the officer to appear or not in person before the board, as he may elect

Captain Corbin refused, therefore, to appear before the board, which refused to recommend him for promotion The Secretary of the Navy thereupon offered Captain Corbin an opportunity to reconsider his determination not to appear before the examining board, of which he refused to avail himself. The papers in the case were then, by request of Captain Corbin, placed before the President, who sustained the action of the department.

Captain Corbin still refusing to appear before the board for the purpose of an oral examination, on January 5, 1874, he was, by order of the Secretary, placed upon the retired list.

Captain Corbin then preferred a request to be furnished with a copy of the report of the examining board and of all matter on the files and records of the department touching his case, which was refused.

Your committee, having maturely examined the facts and the law in the case of Captain Corbin, have reached the conclusion that the department had no power to extend the scope of an act of Congress by requiring of an officer an oral examination as a prerequisite to promotion. It is evident that in imposing such a condition as a prerequisite to promotion the department exceeded its powers and practically usurped the functions of the law-maker. At most it can be contended that the department can make such regulations as are necessary to give effect to the act of Congress, but the circular of 1869 goes much further, and, in fact, violates section 3 of the Act of 1864. The act says, "any officer shall have the right to be present if he desires." The department tells him, "you must be present or you shall not be promoted" Such action is a clear usurpation; and your committee are further satisfied that the circular of 1869 was not intended to apply to officers in the higher grades of the service, but solely to those young men who, because of the extraordinary demand for officers caused by the outbreak of the late civil war, were graduated before they had completed the regular course at the Naval Academy. They are fortified in this opinion by the information that until 1872, when this novel construction was placed upon the act, no oral examination was ever required for promotion to the higher grades in the service.

The cases of Captains Pennock and Case and of Commander Davenport support this conclusion of your committee. The facts in the case of Captain Case are *pari passu* with those in the case under consideration. Captain Case declined to be present at the sittings of the board, but he was recommended for promotion without questioning his right to absent himself—this in 1868. Commander Davenport likewise refused to attend upon

the board, and Captain Pennock during his examination was absent upon a cruise—this also in 1868.

Your committee are clear that it was never the intention of the act to subject officers of high rank and long-established reputation to the humiliation of an oral technical examination, required in no other service in the world, and utterly ineffectual to any good purpose, when left to the arbitrary limitation of the Secretary of the Navy or an examining board. They, therefore, recommend the passage of the bill."

Again, in 1882 Mr. Morse, from the Committee on Naval Affairs, made an equally strong report, this time with the warm endorsement of Secretary Hunt; but, owing to the pressure of public business, neither report was acted upon by Congress, and Captain Corbin remains a captain on the retired list.

Retired on account of physical disability.

Mathias C. Marin.—Born in Florida. Appointed from Florida, January 3, 1832; attached to schooner "Spark," special duty on the coast of Florida; attached to schooner "Porpoise," West India Squadron, 1832–3; sloop "John Adams," Mediterranean Squadron, 1834–7. Promoted to *Passed Midshipman*, June 23, 1838; Rendezvous, New York, 1839; schooner "Flirt," Florida War, 1839–40; sloop "Vandalia," Home Squadron, 1841–3. Commissioned as *Lieutenant*, March 29, 1844; sloop "Yorktown," coast of Africa, 1844–5; steamer "Scourge," Gulf, in Mexican War, 1846–7; present at the surrender of Vera Cruz; March 31, 1847, present at the capture of Alvarado and Flacotalpam by the "Scourge;" April 18, 1847, present at the capture of Tuspan; June 15 and 16, 1847, present at the capture of Tobasco; Coast Survey, 1847–9; sloop "Levant," Mediterranean Squadron, 1852–3; Navy Yard, Pensacola, Florida, 1855; sloop "Macedonian," 1861. Commissioned as *Commander*, October 18, 1861; commanding sloop "St. Louis," special service, 1862–3; ordnance duty, Navy Yard, Boston, 1864–5. Commissioned as *Captain*, 1867; special duty, Malden, Mass., 1869–70

Retired in conformity with Act of February 28, 1855.

Francis Lowry.—Born in Vermont. Appointed from Vermont, August 3, 1831; attached to flag-ship "Fairfield," West India Squadron, 1831–32, visiting St. Domingo, Windward and Leeward Islands, and Gulf of Mexico; in July, 1832, took passage in schooner "Shark," and in September joined schooner "Grampus" at Pensacola, visited Key West and the Gulf of Mexico; detached, February, 1834; receiving-ship, New York, 1834; frigate "Brandywine," Pacific Squadron, 1834–6 to April, 1837; part of years 1837–8 at Naval School, New York. Promoted to *Passed Midshipman*, June 23, 1838; Coast Survey, 1838–40; in 1841–2, steamer "Fulton," part of the time as Acting Master; receiving-ship, Boston, 1842–3. Commissioned as *Lieutenant*, July 4, 1843; latter part of 1843, at Naval Rendezvous, New York; sloop "John Adams," Gulf of Mexico, 1845–7; retired in 1855; Naval Rendezvous, Portland, Maine, 1861. Commissioned as *Captain*, 1867.

COMMANDERS ON THE ACTIVE LIST.

Henry Glass.—Born in Kentucky. Appointed from Illinois, September 24, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 24, 1863; attached to steam-sloop "Canandaigua," South Atantic Blockading Squadron, 1863–5; all the general engagements with forts and batteries in Charleston Harbor, from July 8 to September 28, 1863; engagements with batteries in Stono River, S. C., December 28, 1863, and July 3 and 11, 1864; engage-

ment with batteries in North Edisto River, February 9, 1865; capture of Georgetown, S. C., February 5, 1865. Promoted to *Master*, November 10, 1865; steam-sloop "Powhatan," Pacific Squadron, 1865–8. Commissioned as *Lieutenant*, Nov. 10, 1866. Commissioned as *Lieutenant-Commander*, Mar. 12, 1868; steam-sloop "Tuscarora," North Atlantic Squadron, 1869; "Mohican" (third-rate), Pacific Fleet, 1870–1; commanding "Nyack," in Pacific Station, in 1870, for six months; staff-duty, Pacific Station, from March, 1871, to August, 1872; Pacific Fleet, 1872; "Iroquois" (third-rate), Asiatic Station, 1872–3; receiving-ship "Independence," 1875; commanding Nautical S. S. "Jamestown," 1876–8. Promoted to *Commander*, October, 1879; commanding "Wachusett," Pacific Station, 1881-2; commanding "Jamestown," and senior officer in Alaska, in charge of Indian affairs in the Territory, 1880; Navy Yard, Mare Island, 1883–6; commanding "Monocacy," Asiatic Station, 1886–8; Naval Academy, 1888, to May, 1891; member Examining Board, May, 1891, to March, 1892; Equipment Officer, Navy Yard, Mare Island, March, 1892, to date.

Philip Henry Cooper.—Born in New York. Appointed from New York, September 28, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Richmond," West Gulf Blockading Squadron, 1863–5; battle of Mobile Bay, August 5, 1864. Promoted to *Master*, November, 1865; steam-sloop "Powhatan," South Pacific Squadron, 1865–7. Commissioned as *Lieutenant*, November 10, 1866; Naval Academy, 1867–9. Commissioned as *Lieutenant-Commander*, March 12, 1868; frigate "Sabine," special cruise, 1869; T. and N. Surveying Expedition, 1870–1; Naval Academy, 1872–4; Torpedo Station, 1875; Experimental Battery, Annapolis, 1875–6; Coast Survey Office, 1877–9. Promoted to *Commander*, November, 1879; special navigation duty, 1879–81; commanding "Swatara," Asiatic Station, 1881–4; Navy Yard, Norfolk, 1886–8; commanding "Swatara," March, 1890 to December, 1891; special duty, December, 1891, to June, 1892; Board Inspection and Survey, June, 1892, to date.

Henry Clay Taylor.—Born in District of Columbia. Appointed from Ohio, Sept. 28, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Shenandoah," North Atlantic Blockading Squadron, 1863–4; steam-sloop "Iroquois," special service, 1864–5. Promoted to *Master*, November 10, 1865; steamer "Rhode Island," North Atlantic Squadron, 1866–7. Commissioned as *Lieutenant*, November 10, 1866; steam-sloop "Susquehanna," flag-ship, North Atlantic Squadron, 1867–8. Commissioned as *Lieutenant Commander*, March 12, 1868; store-ship "Guard," European Squadron, 1868–9; Naval Academy, 1869–71; Executive of flag-ship of Pacific Squadron, U. S. S. "Saranac," 1872–4; commanding Coast Survey steamer "Hassler," 1874–7; Hydrographic Office, 1877–8; Navy Yard, Washington, 1879–80. Promoted to *Commander*, December, 1879; commanding "Saratoga" (training-ship) 1880–4; special duty, New York, 1884–5; member Board of Inspection, 1885–7; leave of absence, 1888; commanding "Alliance," Asiatic Station, 1890, to September, 1891; leave of absence, September, 1891, to December, 1892; special duty, December, 1892, to June, 1893; President Naval War College, Newport, R. I., at present date.

George Henry Wadleigh.—Born in New Hampshire. Appointed from New Hampshire, September 26, 1860; graduated Naval Academy, May, 1863. Promoted to *Ensign*, May 28, 1863, and ordered to steam-sloop "Lackawanna," West Gulf Blockading Squadron; active blockade duty until end of war; present at attack on Fort Powell, March 2, 1864; battle

of Mobile Bay, August 5, 1864, and subsequent operations resulting in surrender of Fort Morgan, August 23, 1864; ordered to steam-sloop "Richmond," March, 1865; officer of deck and beat to quarters when the rebel ram "Webb" attempted to escape from the Mississippi River, April 24, 1865; upon finding she was recognized, the "Webb" was run on shore and burned. Commissioned *Master*, November 10, 1865; steam-sloop "Ticonderoga," European Station, 1865–9. Commissioned *Lieutenant*, November, 1866. Commissioned *Lieutenant-Commander*, March, 1868; Naval Academy, 1869–70; torpedo duty, 1870–1; Executive Officer "Shawmut" (third-rate), North Atlantic Station, 1871–3. During this cruise the "Shawmut," Commander E E. Potter commanding, ascended the Orinoco River, 250 miles, to Bolivar, and compelled the revolutionists to restore two steamers belonging to United States citizens; iron-clad "Canonicus," 1873–4; as Executive-Officer receiving-ship "Ohio," and Navy Yard, Boston, 1874; Executive-Officer nautical school-ship "St. Mary's," 1874–6; Executive-Officer steam-sloop "Pensacola" (flag-ship), Pacific Station, 1876–8; Navy Yard, Portsmouth, N. H., 1879–80. Commissioned *Commander*, March, 1880; applied for and ordered to command steam-sloop "Alliance," special Arctic cruise in search of "Jeannette," summer of 1881, and North Atlantic Station, 1881–2. While in the Arctic Ocean, northwest of Spitzbergen, the "Alliance" reached the latitude of 80° 10′; Light-House Inspector, 1883–6; Navy Yard, Boston, 1887–9; commanding steamer "Michigan," Northwestern Lakes, 1889 to December, 1891; leave of absence, December, 1891, to February, 1892; Inspector of Ordnance, Boston Navy Yard, February, 1892, to date.

Arent Schuyler Crowninshield.—Born in New York. Appointed from New York, Sept. 21, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Ticonderoga," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher; steam-sloop "Hartford," East India Squadron, 1865–8. Commissioned as *Lieutenant*, November 10, 1866. Commissioned as *Lieutenant-Commander*, March 10, 1868; steam-sloop "Richmond," European Squadron, 1868–9; "Richmond" (second-rate), European Fleet, 1870–1; "Lackawanna" (second-rate), Asiatic Station, 1872–4; leave of absence in Europe, 1875; ordnance duty, Navy Yard, Washington, 1875–8; commanding "Portsmouth" (training-ship), 1878–82. Promoted to *Commander*, March, 1880; Light-House Inspector, 1882–5; member of Advisory Board, 1885–6; commanding school-ship "St. Mary's," 1887, to October, 1891; Navy Yard, New York, October, 1891, to March, 1892; commanding "Kearsarge," March, 1892, to September, 1893; member Board of Inspectors, Navy Yard, New York, at present date.

Frank Wildes.—Born in Massachusetts Naval Academy, September 21, 1860; graduated, May 28, 1863, appointed *Ensign* same day; steam-sloop "Lackawanna," West Gulf Squadron, June 15, 1863; battle of Mobile and Naval Battery, until surrender of Fort Morgan; monitor "Chickasaw" during operations in Mobile Bay, March and April, 1865, until occupation of Mobile; iron-clad "Monadnock," about October 1, 1865, to San Francisco; on being put out of commission, to "Vanderbilt," about June, 1866. Promoted to *Master*, 1866, and to *Lieutenant*, 1867; steamer "Suwance," spring of 1867, until her wreck on north coast of Vancouver's Island, July, 1868. Promoted to *Lieutenant-Commander*, March 12, 1868; steam-sloop "Pensacola," August 1, 1868; ordered home September 1, 1868; frigate "Franklin," January, 1869, until her return home, November, 1871; Boston Navy Yard, about February 1, 1872; Executive of steam-sloop "Wyoming,"

August 1, 1873; in West Indies until April, 1874, when transferred to steam-sloop "Wachusett," as Executive; arrived Boston, December, 1874; Torpedo School, Newport, June 1, 1875, detached October 9 1875; Executive iron-clad "Dictator," Port Royal, South Carolina, May 15, 1876; detached on being put out of commission, Philadelphia, June 7, 1877; special ordnance duty, Cold Spring, New York, January 1, 1878–81. Promoted to *Commander*, April, 1880; commanding "Yantic," N. A. Station, 1882–5; Navy yard, Portsmouth, 1885–8; Light-House Inspector, First District, 1889–October, 1892; commanding "Yorktown," October, 1892, to September, 1893; Navy Yard, Norfolk, at present date.

James Hoban Sands.—Born in District of Columbia. Appointed from Maryland, November 22, 1859; Naval Academy, 1859–63. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Tuscarora," North Atlantic Blockading Squadron, 1863–4; steam-sloop "Shenandoah," North Atlantic Blockading Squadron, 1864–5; and evacuation of Charleston, South Atlantic Blockading Squadron; both attacks on Fort Fisher, and twice recommended by Boards of Admirals to be advanced in grade for gallantry on shore during second attack; steam-sloop "Hartford," flag-ship East India Squadron, 1865–8; in skirmish with savages on Island of Formosa, and mentioned twice in Squadron General Orders. Commissioned as *Lieutenant*, November 10, 1866. Commissioned as *Lieutenant-Commander*, March 12, 1868; steam-sloop "Richmond," European Squadron, 1869–70; "California," flag-ship Pacific Fleet, 1871–2; Hydrographic Office, 1873–4; "Minnesota" (first-rate), training-ship, New York, 1875–6; Navy Yard, New York, 1876–80; special duty, Washington, 1880–2. Promoted to *Commander*, November, 1880; commanding "Iroquois," Pacific Station, 1882–4; Navy Yard, Washington, 1884–6; leave of absence, 1886–90; commanding "Monongahela," March, 1891, to Nov., 1892; Navy Yard, Washington, Nov, 1892, to May, 1893; Equipment Officer, Navy Yard, Boston, May, 1893, to date.

Yates Stirling.—Born in Maryland. Appointed from Maryland, September 27, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Shenandoah;" was detached from "Shenandoah" April 13, 1864, while that vessel was undergoing repairs at Philadelphia, and reassigned to her in June following; during that time served in the flag-ship N. A. B S. monitor "Onondaga," in James River; North Atlantic Blockading Squadron, 1863–5; both attacks on Fort Fisher; steamer "Mohongo," Pacific Squadron, 1865–7. Commissioned as *Lieutenant*, November 10, 1866. Commissioned as *Lieutenant-Commander*, March 12, 1868; "Wampanoag," during trial trip, 1868; steam-sloop "Contocook," flag-ship North Atlantic Squadron, 1868–9; R. S. "Independence," 1871–2; sick-leave, 1873–5; R. S. "Worcester," 1875–6; torpedo duty, 1877; ordnance duty, Navy Yard, Washington, 1877–8; "Lackawanna," Pacific Station, 1878–81. Promoted to *Commander*, November 26, 1880; Navy Yard, Washington, 1882–4; commanding "Iroquois," Pacific Station, 1884–6; commanding R. S. "Dale," 1887–90; commanding "Dolphin," March, 1890, to June, 1891; Light-House Inspector, December, 1892, to date.

William Clinton Wise.—Born in Virginia. Appointed from Kentucky to the Naval Academy, September, 1860. Promoted to *Ensign*, October 1, 1863. *Master*, May 10, 1866. *Lieutenant*, July 21, 1867. *Lieutenant-Commander*, March 12, 1868. *Commander*, February 24, 1881. At Naval Academy, 1860–3; October, 1863, attached to and serving on the "New Ironsides," South Atlantic Blockading Squadron, off Charleston, S. C.; on picket duty, and various attacks on Charleston, and the Jacksonville expedi-

tion; steam-frigate "Minnesota," 1864–5; both attacks on Fort Fisher, N. C., 1865; commanding flag-ship "Malvern" in the attacks on Forts Anderson and Strong, and various operations on Cape Fear River; commanding the "Malvern" on the James River during the final movements against Richmond, the "Malvern" being the first U. S. vessel to reach the city, and having President Lincoln on board; recommended for promotion for war services by Board of Admirals in 1866; flag-ship "Hartford," Asiatic Station, 1865–6; U. S. S. "Wachusett," 1866–7; same station with landing party in Northern China in capturing and breaking up a band of robbers; practice-ship "Dale," 1869; U. S. S. "Miantonomah," 1869–70; U. S. S. "Brooklyn," European Station, 1870–3; U. S. S. "Ajax," West India Station, 1873–4; U. S. R. S. "Vermont," 1874–5; flag-ship "Tennessee," Asiatic Station, 1875–6; commanding U. S. S. "Palos," same station, 1877–8; Inspector of Ordnance, Navy Yard, Norfolk, Va., 1878–81; commanding U. S. S. "Portsmouth," 1882–4; Inspector of Ordnance, Navy Yard, Portsmouth, N. H., 1884–7; commanding U. S. S. "Juniata," 1888–9; Equipment Officer, Navy Yard, Norfolk, Va., 1889–90; Light-House Inspector, November, 1890, to date.

Purnell Frederick Harrington.—Born in Dover, Delaware, June 6, 1844. Appointed *Midshipman* at the Naval Academy, Sept. 20, 1861. Promoted to *Ensign*, and ordered to steam-sloop "Ticonderoga," October 1, 1863; attached to steam-sloop "Monongahela," West Gulf Blockading Squadron, 1864–5; battle of Mobile Bay, August 5, 1864, and all the operations against the rebel defences at the entrance of Mobile Bay during the summer of 1864; steam sloop "Monongahela," North Atlantic Squadron, 1865–8. Promoted to *Master*, May 10, 1866; to *Lieutenant*, February 21, 1867; and to *Lieutenant-Commander*, March 12, 1868; attached to Naval Academy, 1868–70; steam-frigate "California," Pacific Fleet, 1870–1; Executive-officer of the flag-ship "Pensacola," South Pacific Squadron, 1872–3; Naval Academy, 1873–6; Executive-Officer of the "Hartford," flag-ship, South Atlantic Station, 1877–9; and, in consequence of the illness and death of the late Captain Henry A. Adams, in command of that ship during fourteen months; Naval Academy, 1880–3. Promoted to *Commander*, May 28, 1881; commanded practice-ship "Dale" during summer cruises of 1881 and 1882; commanded steam-sloop "Juniata," Asiatic Station, 1883–5; Naval Academy, 1886–9; commanded practice-ship "Constellation," summer cruises of 1888 and 1889; Light-House Inspector, May, 1890, to July, 1893; commanding U. S. S. "Yorktown," September, 1893, to date.

William Bainbridge-Hoff.—Born in Pennsylvania. Appointed from Pennsylvania, October 24, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to steam-frigate "Niagara," 1864; East Gulf Blockading Squadron, 1864–5; taking part in the expedition to capture St. Marks, Fla., which terminated in the battle of Natural Bridge; steamer "Shawmut," Brazil Squadron, 1865–6. Promoted to *Master*, May 10, 1866; steam-frigate, "Franklin," flag-ship, European Squadron, 1867–8. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; Naval Academy, 1869; "Kansas" (fourth-rate), T. and N. Expedition, 1870–1; torpedo service, 1872; Senior Aide to Rear-Admiral Pennock, Commander-in-chief, Pacific Station; "Saranac" (second-rate), Pacific Fleet, 1872–4; special duty, Washington, 1875; commanding "Alarm" (torpedo-boat), 1875–6; League Island Station, 1876–7; aide to Admiral Porter, 1877–81. Promoted to *Commander*, August, 1881; commanding training-ship "Portsmouth," 1881–3; torpedo station, 1883;

special duty (Chief Signal-Officer), Navy Department, 1883–6; commanding "Ossipee," North Atlantic Station, 1886–8; commanding "Dale." (school for seamen gunners), January, 1890, to March, 1892; author of several works on Naval Tactics, "Avoidance of Collisions at Sea," and originator of the system of tactics officially adopted in the Navy (1890); duty in connection with the World's Columbian Exposition as Commissioner to Great Britain (London, England), March, 1892, to October, 1893; special duty Bureau of Navigation at present date.

Nicoll Ludlow.—Born in New York. Appointed from New York, October 28, 1859; Naval Academy, 1859–63. Promoted to *Ensign*, October 1, 1863; attached to steam-sloop "Wachusett," Brazil Squadron, 1863–5; attached to iron-clad "Monadnock," on her passage from New York to San Francisco, in 1866. Promoted to *Master*, November 10, 1866; steam-sloop "Iroquois," Asiatic Squadron, 1866–9. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; Naval Academy, 1870–2; "Monongahela" (second-rate), S. A. Station, 1872–5; "Brooklyn" (second-rate), S. A. Station, 1876; torpedo duty, 1876–7; "Trenton," flag-ship, European Station, 1877–80, returning to United States in "Constitution;" Ordnance Inspector, West Point Foundry and South Boston Iron Works, 1881–2. Promoted to *Commander*, October, 1881; Midvale Steel Works, Philadelphia, 1882–3; commanding "Quinnebaug," European Station, 1883–6; Light-House Inspector, 1887–90; Inspector of Ordnance, Mare Island Navy Yard, 1890 to May, 1891; Light-House Inspector, May, 1891, to December, 1892, to January, 1893; commanding "Mohican," January to September, 1893; at present on leave of absence.

Francis Augustus Cook.—Born in Massachusetts. Appointed from Massachusetts, Sept. 20, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to steam-sloop "Seminole," West Gulf Blockading Squadron, 1863–5; steamer "Vanderbilt," North Pacific Squadron, 1865–7. Promoted to *Master*, November 10, 1866; North Atlantic Squadron, 1867–8. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; Naval Academy, 1869; "Saranac" (second-rate), Pacific Fleet, 1870–4; R. S. "Independence," 1872; "Richmond," flag-ship, S. P. Station, 1872–4; R. S. "Sabine," 1875–76; "Plymouth" (second-rate), N. A. Station, 1876–8; Naval Academy, 1880–3. Promoted to *Commander*, October, 1881; Light-House Inspector, 1883–6; commanding "Ranger," North Pacific Station, 1886–9; waiting orders, October, 1889, to March, 1890; Inspector of Ordnance, Navy Yard, Boston, March, 1890, to May, 1893; Assistant Bureau of Navigation, May, 1893, to date.

Colby Mitchell Chester.—Born in Connecticut. Appointed from Connecticut, Oct. 31, 1859; Naval Academy, 1859–63. Promoted to *Ensign*, Oct. 1, 1863; ordered to "Richmond" (second-rate), October 21, 1863; took part in battle of Mobile Bay, August 5, 1864, and bombardment and capture of Fort Morgan, August 22, 1864; temporary duty monitor "Kickapoo," taking part in operations against and capture of Mobile, Ala., April 12, 1865; returned to the "Richmond," April 14, and detached from that vessel July 11, 1865; ordered to the "Powhatan" (first-rate), September 16, 1865, which vessel joined the South Pacific Station as flag-ship. Promoted to *Master*, May 10, 1866. Promoted to *Lieutenant*, February 21, 1867; detached from "Powhatan," November 16, 1867. Promoted to *Lieutenant-Commander*, March 12, 1868; ordered to the "Contocook" (first-rate), afterwards the "Albany," flag-ship of the North Atlantic Station, April 1, 1868; detached

and ordered as Executive of the "Gettysburg," May 12, 1868; detached from the "Gettysburg," October 12, 1869; ordered to the "Alaska" (second-rate), December 1, 1869, and joined the Asiatic Station; had charge of steam launches of squadron, for surveying Salee River, Corea, when fired upon by the fortifications at its entrance, June 2, 1871; became Executive of the "Alaska," October, 1871; detached from that vessel, March 4, 1873; ordered to torpedo station, August 19, 1873; ordered to the Naval Academy, July 24, 1874; Executive of practice-ship "Constellation," during summer of 1875; detached from the Naval Academy, September 1, 1877; ordered to the United States Coast Survey, October 2, 1877; commanded steamer "Bache," until December 1, 1880, when he became Hydographic Inspector. Promoted to *Commander*, October 15, 1881; detached from Coast Survey, October 25, 1881; took command of the "Galena" (third-rate), October 31, 1885; the "Galena" rendered assistance to the British steamer "Historian," which vessel was stranded on the Magdalena River bar, December 21, 1885, for which the officers received a set of silver from the owners and the thanks of the British Government; also seized filibustering steamer "Central America," at St. Andrew Island, February, 1886, which vessel was condemned for breaking the neutrality laws and sold; detached from the "Galena, December 1, 1888; appointed member of commission to select a site for a Navy Yard on the Pacific coast of the United States, north of the forty-second parallel of north latitude, November 27, 1888; ordered as member of Board on Organization, Tactics, and Drill, July 1, 1889, and detached from Navy Yard Commission, September 30, 1889; Bureau of Navigation, July, 1890, to April, 1891; Naval Academy, April, 1891, to date.

Charles Edgar Clark.—Born in Vermont. Appointed from Vermont, September 29, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; steam-sloop "Ossipee," Western Gulf Blockading Squadron, 1863–5; battle of Mobile Bay, August 5, 1864; bombardment of Fort Morgan, August 23, 1864. Commissioned as *Master*, November 10, 1866; steamer "Vanderbilt," Pacific Station, 1865–7. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; steamer "Suwanee" (wrecked July 7, 1868), 1867–8; receiving-ship "Vandalia," Portsmouth, N. H., 1868–9; North Atlantic Station, steamer "Seminole" and iron-clad "Dictator," 1869–70; Naval Academy, 1870–3; "Saratoga" practice cruise of 1871; North Atlantic Station, iron-clad "Mahopac," 1873–4; Asiatic Station, steamers "Hartford," "Monocacy," and Kearsarge," 1874–7; Navy Yard, Boston, 1877–80; training-ship "New Hampshire," 1881. Commissioned as *Commander*, November 15, 1881; training-ship "New Hampshire," 1882–3; Torpedo Station, 1883; steamer "Ranger," survey of the North Pacific, 1883–6; Light-House Inspector, 1887, to May, 1891; Navy Yard, Mare Island, May, 1891, to September, 1893; commanding "Mohican," September, 1893, to date.

Charles James Barclay.—Born in Pennsylvania. Appointed from Pennsylvania, Sept. 21, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; steam-sloop "Wachusett," Brazil Squadron, 1863–4; steam-sloop "Kearsarge," European Squadron, 1865–6. Promoted to *Master*, November 10, 1866; steam-frigate "Susquehanna," special service, 1867. Commissioned as *Lieutenant*, February 21, 1867; steam-frigate "Minnesota," special service, 1868. Commissioned as *Lieutenant-Commander*, March 12, 1868; steamer "Michigan," on the lakes, 1869; Pacific Fleet, 1870–2; Torpedo Station, 1873; commanding "Saugus" (iron-clad), North Atlantic Station, 1874; "Dictator" (iron-clad), North Atlantic Station, 1875–6;

commanding "Onward," 1877–79; Navy Yard, Portsmouth, 1880–1. Promoted to *Commander*, November, 1881; commanding "Alert," Asiatic Station, 1883–6; ordnance duty, Navy Yard, Portsmouth, 1887, to November, 1891; Equipment Officer, Navy Yard, Portsmouth, November, 1891, to May, 1893; commanding training-ship "Portsmouth," May, 1893, to date.

Joseph Bullock Coghlan.—Born in Kentucky. Appointed from Illinois, Sept. 27, 1860; Naval School, 1860–3. Promoted to *Ensign*, May 28, 1863; attached to steam-sloop "Sacramento," special service, 1863–5. Promoted to *Master*, November 10, 1865; steam-sloop "Brooklyn," flag-ship Brazil Squadron, 1865–7. Commissioned as *Lieutenant*, November 10, 1866; Executive Officer "Pawnee," 1867; steam-frigate "Guerriere," 1867–8; sailing-sloop "Portsmouth," 1868. Commissioned as *Lieutenant-Commander*, March 12, 1868; steam-sloop "Richmond," European Squadron, 1868–71; Hydrographic Office, 1871–3; sick leave, 1873–4; commanding "Saugus" (iron clad), North Atlantic Station, 1875–6; receiving-ship "Colorado," 1877. "Monongahela," Asiatic Station, 1877–9; receiving-ship "Independence," 1879. Promoted to *Commander*, February, 1882; commanding "Adams," Pacific Station, 1883–4; Navy Yard, Mare Island, 1886–8; commanding "Mohican," Pacific Station, 1888–90; Inspector Ordnance, League Island Navy Yard, January, 1891, to date.

Charles Vernon Gridley.—Born in Indiana. Appointed from Michigan, September 26, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to steam-sloop "Oneida," West Gulf Blockading Squadron, 1863–5; battle of Mobile Bay, August 5, 1864; steam-sloop "Brooklyn," flag-ship Brazil Squadron, 1865–7. Promoted to *Master*, November 10, 1866; steam-sloop "Kearsarge," South Pacific Squadron, 1867–9. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; "Michigan" (fourth-rate), 1870–2; "Monongahela" (second-rate), South Atlantic Station, 1873–4; Naval Academy, 1875–9; Executive-Officer of practice-ship "Constellation" during summer cruises of 1877 and '78; Executive-Officer of U. S. flag-ship "Trenton," European Station, from December, 1879, to November, 1881. Promoted to *Commander*, March 10, 1882; in attendance at Torpedo Station during summer of 1882; Navigation Officer at Boston Navy Yard from October, 1882, to February, 1884; ordered to command training-ship "Jamestown," February 5, 1884; detached and ordered to command training-ship "Portsmouth" on May 11, 1886; detached from "Portsmouth," December 10, 1886. Senior officer of Cruising Training Squadron from June, 1886, till November, 1886; Inspector of Tenth Light-House District, Buffalo, N. Y., July, 1887, to October, 1891; Navy Yard, Washington, October, 1891, to July, 1892; commanding "Marion," July, 1892, to date.

Charles Dwight Sigsbee.—Born in New York. Appointed from New York, Sept. 27, 1859; Naval Academy, 1859–63. Promoted to *Ensign*, Oct. 1, 1863; attached to steam-sloop "Monongahela," West Gulf Squadron, 1863–4; "Brooklyn," West Gulf Squadron, 1864; battle of Mobile Bay, August 5, 1864; North Atlantic Blockading Squadron, 1865; both attacks on Fort Fisher, and final assault on the same; steam-sloop "Wyoming," Asiatic Squadron, 1865–7. Promoted to *Master*, May 10, 1866. Commissioned as *Lieutenant*, February 21, 1867; steamer "Ashuelot," Asiatic Squadron, 1867–8. Commissioned as *Lieutenant-Commander*, March 12, 1868; on duty at Naval Academy, 1869–71; "Severn" and "Worcester," flag-ships, N. A. Station, 1871–2; "Canandaigua," 1872–3; Hydrographic Office, 1873–4; Coast Survey, 1874–5; commanding Coast Survey steamer "Blake," 1875–8;

Hydrographic Office, 1878–82. Promoted to *Commander*, May 11, 1882; Naval Academy, 1882–5; commanding practice-ship "Dale," summers of 1883–4; commanding "Kearsarge," European Station, 1885–6; special duty, Navy Department, September, 1887; member Examining and Retiring Board, 1887; Naval Academy, 1887–90; commanding practice-ship "Constellation," part of summer, 1889; commanding training-ship "Portsmouth," 1891–2; Hydrographer, Navy Department, 1893.

Richard Phillips Leary.—Born in, and appointed from, Maryland; graduated from N. A., class of 1860. Promoted to *Ensign*, Oct., 1863. Promoted to *Master*, May, 1866. Promoted to *Lieutenant*, February, 1867. Promoted to *Lieutenant-Commander*, March, 1868. Attached to Blockading Squadrons off Charleston, S. C., 1863–5; attached to "Canandaigua," European Station, 1865–8; attached to "Dictator," N. A. Fleet, 1870–3; "Constellation," special service, 1879; "Pensacola," Pacific Station, 1879–81; "Vandalia," N. A. Station, 1881–2. Promoted to *Commander*, June, 1882; commanding R. S. "Wyandotte," 1883–5; commanding "Iroquois," Pacific Station· 1886–8; commanding "Adams," Pacific Station, 1888–9; was Senior Officer at Samoa during the Revolution of 1888, when the Tamasese government was overthrown; Equipment Officer, Navy Yard, Norfolk, September, 1890–3.

William Henry Whiting.—Born in New York. Appointed from Wisconsin, September 21, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to flag-ship "Hartford," West Gulf Squadron, 1863–5; battle of Mobile Bay, August 5, 1864, and burning of the blockade-runner "Ivanhoe," under the guns of Fort Morgan, July 5, 1864; surrender of Fort Gaines, August 8, 1864; bombardment and surrender of Fort Morgan, August 24, 1864; steam-sloop "Kearsarge," European Squadron, 1865–6. Promoted to *Master*, November 10, 1866; steamer "Frolic," European Squadron, 1866–8. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; steam-sloop "Ticonderoga" European Squadron, 1868–9; "Swatara" (fourth-rate), N. A. Squadron, 1870–1; "Benicia" (second-rate), N. P. Station, 1872–5; Navy Yard, New York, 1875–6; "Constitution," special service, 1878–9; Navy Yard, New York, 1881–4. Promoted to *Commander*, July, 1882; commanding training-ship "Saratoga," 1884–6; Navy Yard, New York, 1886–9; commanding U. S. S. "Kearsarge," N. A. Squadron, 1889; Navy Yard, New York, February, 1890, to October, 1892; commanding "Alliance," October, 1892, to September, 1893; at present on leave of absence.

Dennis Walbach Mullan.—Born in Maryland. Appointed from Kentucky, September 21, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to steam-sloop "Monongahela," West Gulf Blockading Squadron, 1863–5; attacks with various batteries on Texas coast, 1863–4; battle of Mobile Bay, August 5, 1864; two attacks on Fort Morgan, August, 1864; present at surrender of Fort Morgan; steamer "Malvern," N. A. Station, 1865; steamer "Mohongo," Pacific Squadron, 1865–7. Promoted to *Master*, November 10, 1865; steam-sloop "De Soto," North Atlantic Squadron, 1867–8. Commissioned as *Lieutenant*, February 21, 1867. Commissioned as *Lieutenant-Commander*, March 12, 1868; while attached to North Atlantic ("De Soto"). selected by Commodore Charles S. Boggs to command steamer "Glasgow," then at Pensacola Navy Yard, to co-operate with him in suppressing an expedition against Mexico, and then fitting out in New Orleans; "Monocacy," Asiatic Station, 1868–71; present at the two

attacks with the batteries on the river in Corea, on June 1 and 10, 1871; receiving-ship "Independence," 1872–3; "Saco," Asiatic Station, 1873–6; navigation duty, Navy Yard, Norfolk, Va., 1877–8; attached to the "Adams," Pacific Station, as Executive-Officer in 1879–81; while attached to the "Adams" was detailed to accompany the Staff of General Baquedano, the Chilian Commander-in-Chief, in his operations against Lima, Peru; was present in all the engagements at Chorillos, Miraflores, and other places near Lima; made a report of these operations to the Navy Department. Promoted to *Commander*, July 3, 1882; in command of the iron-clad fleet of seven ships at City Point, James River, Virginia, 1884–7; ordered to command the U. S. ship "Nipsic" on October 1, 1887, and took her *via* the Straits of Magellan to the Pacific Fleet; in command of the U. S. S. "Nipsic" at Samoan Islands during the troublous times with the Germans, and also during his stay there gave protection to Mr. John C. Klein, the correspondent of New York *World* and Associated Press—(the Germans wished him to be sent on board the German man-of-war "Adler," the flag-ship, there to be tried by court-martial for an alleged offense, etc.); in command of the U. S. S. "Nipsic" during the great Samoan hurricane of March 16, 1889; "Nipsic" only American man-of-war that was saved; leave of absence, fall of 1889 and winter of 1890; Light-House Inspector, January, 1891, to date.

N. Mayo Dyer.—Born at Provincetown, Mass., February 19, 1839. Educated in public schools; served in the merchant service from the age of 14 to 20; enlisted and served in the 4th Battalion Rifles, Mass. Vol. M., and 13th Regiment Mass Vols., from April, 1861, to April, 1862, with Banks' Division, Army of the Potomac; April 4, 1862, appointed an *Acting Master's Mate* in the Navy, reporting May 2, at Charlestown Navy Yard for instruction in gunnery. July 7th, ordered to "R. R. Cuyler," on which ship he served in the East and West Gulf Squadron until he was, for gallant and meritorious conduct, in capturing and burning, on the night of May 17, 1863, with a boat's crew from the "R. R. Cuyler," the rebel schooner "Isabel," while aground, under the walls of Fort Morgan, bringing off her crew and papers; promoted to *Acting Ensign*, by Admiral Farragut, May 20, 1863, and appointed to command the "Eugenie," afterwards called the "Glasgow," blockading off Mobile and despatch duty. January 12, 1864, promoted to *Acting Master* in consideration of gallant and faithful service; July, 1864, granted two months' leave; but relinquished it upon arriving at New Orleans, *en route* North, upon learning of the near prospect of an attack upon the Mobile forts. Returning off Mobile, and soliciting orders, was assigned to the "Metacomet," July 19, 1864, in which vessel, as the consort of the "Hartford," took part in the passage of the forts and capture of the rebel fleet, receiving the surrender of the "Selma" in person. Upon the surrender of Fort Morgan accepted his leave, before relinquished, and upon his return therefrom, October 28, 1864, was ordered to the "Hartford," flag-ship of Admiral Farragut. Upon that vessel's return North, December, 1864, Mr. Dyer was appointed to the command of the U. S. S. "Rodolph," with which command he co-operated with the forces under General Granger during the winter of 1864–5, in their operations against Mobile from Pascagoula, rendering important service in this connection in Mississippi Sound and Pascagoula River. In the advance upon the defences of Mobile in the spring of 1865, *via* Blakely, his vessel, the "Rodolph," was sunk by a torpedo in Blakely River, April 1, 1865. April 22, 1865, Mr. Dyer was promoted to an *Acting Volunteer Lieutenant*, and upon the surrender of the rebel fleet under Commodore Farrand, in the Tombigbee River, May 10, 1865, Mr.

Dyer was selected to command successively two of the surrendered vessels, the "Black Diamond" and "Morgan;" appointed to command the "Elk" in June, 1865, and in July ordered to command the "Stockdale," and proceed to Mississippi Sound for the protection of the people along that shore and to "cultivate friendly relations with the people lately in rebellion;" September, 1865, "Stockdale" ordered to New Orleans to be sold, Mr. Dyer was transferred to the "Mahaska" at Apalachicola, Florida; in October detached from the "Mahaska" and ordered to command the "Glasgow" at Pensacola; April, 1866, detached and ordered North to report to the Bureau of Navigation; on special duty in that Bureau until May, 1868. Commissioned a *Lieutenant* in the regular navy, March 12, 1868; July, 1868, ordered to the "Dacotah," South Pacific Squadron, joining at Valparaiso, August 27. December 18, 1868, commissioned as *Lieutenant-Commander*; "Dacotah" being ordered to San Francisco, upon her arrival there Mr. Dyer was ordered, September, 1869, to command the "Cyane" and proceed to Sitka, Alaska, where he remained until March, 1870, from whence he was ordered to San Francisco to join the "Pensacola;" ordered to "Ossipee," July, 1870, on a short cruise to Lower California and the Mexican coast. While the "Ossipee" was proceeding North from the Mexican coast she encountered a hurricane which left the sea in a troubled state, and in the morning whilst making sail a man fell overboard from maintopsail-yard, the halyards carrying away while hoisting topsails. Striking the lower braces in falling, he drifting astern apparently helpless. Dyer was taking an observation on the poop-deck, and, immediately turning a bowline in the end of boat fall, jumped into the sea and saved the man from sharks or drowning. For this he was officially commended in a special despatch from the Hon. Secretary of the Navy, as well as by Commodore W. R. Taylor, Commander-in-Chief, and received the silver medal of the Massachusetts Humane Society. In September, to the South Pacific Station; detached and ordered home, Aug. 22, 1871; Nov. 7, 1871, ordered to the Boston Navy Yard; Sept. 1, 1873, to Torpedo School at Newport; Nov. 24, to command torpedo-boat "Mayflower" at Norfolk for duty on the North Atlantic Station; April 10, 1874, transferred to command of the "Pinta;" February, 1876, detached from the "Pinta" and ordered as Executive of the "New Hampshire," fitting out at Norfolk, for permanent flag-ship at Port Royal; Dec., 1876, detached from "New Hampshire," ordered home; ordered to equipment duty, Boston Navy Yard, 1877; detached from equipment duty and ordered as Executive of R. S. "Wabash," August 30, 1878; detached from "Wabash" June 8, 1881; ordered as Executive flag-ship "Tennessee," North Atlantic Station; detached from "Tennessee" May 8, 1883, and waiting orders. Promoted to *Commander*, from April 23, 1883; ordered as Light-House Inspector at Buffalo, New York, from September, 1883, to August, 1887; Naval War College, September to November, 1887; to command the "Marion," Asiatic Station, November 2, 1887, to May 22, 1890; Inspector Ordnance, Portsmouth Navy Yard, October, 1890, to April, 1893.

Francis M. Green.—Born in Massachusetts, February 23, 1835; in merchant service, 1854–61. Appointed from Massachusetts, June, 18, 1861; entered the service as *Acting Master*, in the volunteer navy, June 18, 1861; attached to sloop "Vincennes," West Gulf Blockading Squadron, 1861–2; passes of the Mississippi; steam-sloop "Oneida," and commanding steamer "Commodore," West Gulf Blockading Squadron, 1863. Promoted to *Acting Volunteer Lieutenant*, April 21, 1864; steam-frigate "Niagara," special service, 1864; commanding steamer "Louisiana," Sounds of North Carolina,

North Atlantic Blockading Squadron, 1864; commanding steamer "Boxer," 1865; capture of Fort Fisher; steamer "Florida," North Atlantic Squadron, 1866; special duty, Navy Department, 1867; steam-sloop "Guerriere," flag-ship, South Atlantic Squadron, 1867–8. Commissioned as *Lieutenant-Commander*, U. S. Navy, December 18, 1868; steamers "Wasp" and "Kansas," South Atlantic Squadron, 1869; receiving-ship "Ohio," 1869–70; "Severn" (second-rate), flag-ship, North Atlantic Squadron, 1870–1; torpedo service, 1872; commanding "Fortune" (fourth-rate), North Atlantic Station; special surveying service, 1873–4; Hydrographic Office, 1875; commanding "Gettysburg" (fourth-rate), 1875–6; special astronomical service, Hydrographic Office, 1876–8; commanding "Guard," special astronomical service, 1877–9; Hydrographic Office, 1879–81; commanding "Palos," Asiatic Station, special astronomical duty, 1881–3. Promoted to *Commander*, July, 1883; Navy Yard, Portsmouth, 1883–5; commanding "Yantic," North Atlantic Station, 1885–7; Navy Yard, New York, 1888–9; commanding "Saratoga," school-ship, 1889 to June, 1893; Light-House Inspector, September, 1893, to date.

Charles O'Neil.—Born in England in 1842. Entered the U. S. Navy as *Master's Mate*, in July, 1861, on board the sloop, "Cumberland," and was attached to that vessel at the capture of Forts Hatteras and Clarke, August, 1861, and in the engagement with Confederate iron-clad "Merrimac," March 8, 1862; rescued Lieutenant Morris from drowning, and, being favorably mentioned, was promoted to *Acting Master*, May 1, 1862; attached to gunboat "Tioga," during latter part of 1862 to July, 1864; cruised in Wilkes' Special West India Squadron, and East Gulf Blockading Squadron; steamer "Rhode Island," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher—favorably mentioned for the same. Promoted to *Acting Volunteer Lieutenant*, May 30, 1865; receiving-ship "Princeton," at Philadelphia, part of 1865–6; steam-gunboat "Shamrock," European Squadron, part of 1866–7—visited west coast of Africa, islands in Atlantic, Spain, France, and Italy; store ship "Guard," European Squadron, part of 1867–8. Commissioned as *Lieutenant*, March 11, 1868. Promoted to *Lieutenant-Commander*, December 18, 1868; receiving-ship "Ohio," Boston, 1869; Aide to Port-Admiral Hiram Paulding, at Boston, 1870; iron-clad "Dictator," North Atlantic Squadron, 1870–1; receiving-ship "Boston," 1872; "Wasp" (fourth-rate), South Atlantic Squadron, 1873–6; training-ship "Minnesota," 1876–7; commanding "Supply" (fourth-rate), 1877; "Swatara," Asiatic Station, 1877–9; ordnance duty, Boston Navy Yard, 1879–82; "Richmond," Asiatic Station, 1882–4; special ordnance duty, 1884–6. Promoted to *Commander*, July, 1884; ordnance duty, Navy Yard, New York, 1886–9; commanding "Dolphin," special service, 1889–90; Navy Yard, Washington, March, 1890, to September, 1892; General Inspector of the Marblehead, September, 1892, to date.

Casper Frederick Goodrich.—Born in Pennsylvania. Appointed from Connecticut, Dec. 9, 1861; Naval Academy, 1861–4; attached to steam-frigate "Colorado," flag-ship European Squadron, 1865–7. Promoted to *Master*, December 1, 1866; steamer "Frolic," European Squadron, 1867–8. Commissioned as *Lieutenant*, March 12, 1868; sloop "Portsmouth," South Atlantic Squadron, 1868–71. Commissioned as *Lieutenant-Commander*, December 18, 1868; Naval Academy, 1871–3; "Tennessee" (second-rate), Asiatic Squadron, 1875–6; "Kearsarge" (third-rate), Asiatic Station, 1876–7; Torpedo Station, 1877–80; "Lancaster," European Station, 1881–4; Special Inspector of Ordnance, 1884–6. Promoted to *Commander*, Septem-

ber, 1884; in charge Torpedo Station, 1886–9. Commanding "Constellation," November, 1891 to June, 1893. Commanding "Concord," June, 1893, to date.

French Ensor Chadwick.—Born in Virginia. Appointed from Virginia, Sept. 28, 1861; Naval Academy, 1861–4; attached to steam-sloop "Susquehanna," Brazil Squadron, 1865–6; steam-sloop "Juniata," South Atlantic Squadron, 1866–7. Promoted to *Master*, December 1, 1866; apprentice-ship "Sabine," 1868. Commissioned as *Lieutenant*, March 12, 1868; steam-sloop "Tuscarora," South Pacific Squadron, 1868–70. Commissioned as *Lieutenant-Commander*, December 18, 1868; "Guerriere" (second-rate), European Squadron, 1870–2; Naval Academy, 1873–4; "Powhatan" (second-rate), N. A. Station, 1875–8; Navy Yard, New York 1879–80; Special Light-House Duty, 1880–2; Naval Attaché, London, 1882–9. Promoted to *Commander*, December, 1884; commanding "Yorktown," Squadron of Evolution, April, 1889, to July, 1891; Special Duty, Navy Department, and on Board of Labor Re-organization, July, 1891, to September, 1892; Chief Intelligence Officer, September, 1892, to July, 1893; Chief Bureau of Equipment, with rank of Commodore, July, 1893, to date.

Theodore Frelinghuysen Jewell.—Born in Georgetown, D. C. Appointed *Acting Midshipman* from Virginia, and entered Naval Academy, Nov. 29, 1861. *Midshipman*, July 16, 1862; in June, 1863, the invasion of Maryland by Lee's army being imminent and the defences of Washington being threatened, was ordered to report to the Commandant of the Washington Navy Yard and Potomac Flotilla for duty; organized a battery of field artillery from the crews of the vessels of the Potomac Flotilla, with which he served in the defense of the capital until the end of July; graduated from the Naval Academy, November 22, 1864; receiving-ship "Vermont" at New York until April, 1865; frigate "Colorado," flag-ship of the European Squadron, April, 1865, to December, 1866. Promoted *Ensign*, November 1, 1866. *Master*, December 1, 1866. *Lieutenant*, March 12, 1868; steam-sloop "Canandaigua" and steamer "Frolic," from December, 1866, to May, 1868; Hydrographic Office from October, 1868, to May, 1869. Promoted *Lieutenant-Commander*, March 26, 1869; frigate "Sabine," May, 1869, to August, 1870; Naval Observatory, September, 1870, to March, 1871; Naval Academy, assistant in Department of Physics and Chemistry, March, 1871, to May, 1872; "Tuscarora," from May, 1872, to October, 1874, during which assisted in a survey of an inter-oceanic canal route; served as Executive-Officer of the "Tuscarora," during her deep-sea sounding expedition in the North Pacific Ocean; in command of a force of sailors and marines landed at Panama in 1873 for the protection of American property; also in command of a force landed from the "Tuscarora" at Honolulu, in February, 1874, on the election of Kalakaua as king, the city being in the hands of a mob. Naval Academy, Instructor in Physics and Chemistry, December, 1874, to June 1878; in command of steamer "Gedney," Coast Survey, June, 1878 to August, 1879; Executive-Officer of frigate "Constitution," training-ship for apprentices, August, 1879, to May, 1881; Torpedo Station, June, 1881, to June, 1886. Promoted *Commander* January 26, 1885; commanded "Essex," on Asiatic Station, June, 1886, to May, 1889; member of Board on Organization, etc., October and November, 1889; Inspector of Ordnance in charge of Torpedo Station from December, 1889, to January, 1893; Superintendent of the Naval Gun Factory at Washington Navy Yard, January 4, 1893, which is his present duty.

William Meyhew Folger.—Born in Ohio. Appointed from Ohio, Sept. 21, 1861; at Naval Academy until November 22, 1864; receiving-ship "North Carolina," at New York, and school-ship "Sabine," New London, from February 6, 1865, to July 25, 1865; steam-sloop "Hartford," flag-ship Asiatic Squadron, July 25, 1865, to August 6, 1868. Promoted to *Master*, December 1, 1866. Promoted to *Lieutenant*, March 11, 1868. Commissioned as *Lieutenant-Commander*, December 18, 1868; at Norfolk Navy Yard, October, 1868, until ordered to the "Franklin;" in steam-frigate "Franklin," flag-ship European Squadron, 1868–71; European Fleet, 1872; ordnance duty, 1873–4; leave Europe, 1875–6; "Marion" (third-rate), European Station, 1877; Naval Academy, 1877–79; "Swatara," Asiatic Station, 1879–82; Bureau of Ordnance, 1882; ordnance duty, Annapolis, 1882–5. Promoted to *Commander*, March 1885; commanding "Quinnebaug," European Station, 1886–88; Inspector of Ordnance, Navy Yard, Washington, 1888–90; Chief of Bureau of Ordnance, with rank of *Commodore*, from February, 1890, to January, 1893; at present on special duty at Compass Office.

Horace Elmer.—Born in New Jersey. Appointed as *Acting Midshipman* from New Jersey, September 21, 1861; graduated, 1864; steam-sloop "Hartford," flag-ship East India Squadron, 1865–8. Promoted to *Master*, 1866. Commissioned as *Lieutenant*, 1868. Commissioned as *Lieutenant-Commander*, April 27, 1869; "Terror" (iron-clad), North Atlantic Station, 1870–1; R. S. "Vandalia," 1872; "Colorado," North Atlantic Station, 1873; "Congress," European Station, 1874–6; torpedo duty, 1877–8; "Kearsarge," North Atlantic Station, 1879–82; practice-ship "Constellation," 1883; Naval Academy, 1883–6. Promoted to *Commander*, March, 1885; commanding practice-ship "Jamestown," 1886; Light-House Inspector, 1886–9; commanding "Kearsarge," North Atlantic Station, 1889 to May, 1892; Inspector Ordnance, Navy Yard, New York, May, 1892, to date.

Benjamin Peffer Lamberton.—Born in Pennsylvania. Appointed from Pennsylvania, Sept. 21, 1861; Naval Academy, 1861–5; attached to steam-sloop "Susquehanna," Brazil Squadron, 1865–6; steam-sloop "Juniata," South Atlantic Squadron, 1866–7. Promoted to *Master*, December 1, 1866; apprentice-ship "Saratoga," 1867–9. Commissioned as *Lieutenant*, March 12, 1867. Commissioned as *Lieutenant-Commander*, December 18, 1868; "Mohican" (third-rate), Pacific Fleet, 1870–2; "Dictator" (iron-clad), North Atlantic Fleet, 1873–4; torpedo service, 1875; Navy Yard, Boston, 1876; Navy Yard, Portsmouth, New Hampshire, 1876–7; "Alaska," Pacific Station, 1877–9; Bureau of Equipment, 1879–82; "Vandalia," North Atlantic Station, 1882–4; Light-House Inspector, 1885–8. Promoted to *Commander*, June, 1885; Navy Yard, Norfolk, 1888–9; commanding training-ship "Jamestown," 1889 to November, 1891; Bureau Yards and Docks, November, 1891, to date.

John Schouler.—Born in Massachusetts. Entered Naval Academy, from Massachusetts, September 25, 1861; was graduated November, 1864. Ordered to Navy Yard, New York; attached to steam-frigate "Colorado," flag-ship European Squadron, 1865–6. Promoted to *Master*, December 1, 1866; Steamer "Frolic," European Squadron, 1866–8; commissioned as *Lieutenant*, March 12, 1868; sloop "Portsmouth," South Atlantic Station, 1868–70; flag-ship "Lancaster," same station, 1870. Commissioned as *Lieutenant-Commander*, June 3 1869; Executive of "Terror," (double-turret monitor), North Atlantic Station, 1871–2; Hydrographic Office, 1872–3; Naval Academy, 1873–6; practice-ship "Constellation," 1874;

Executive of "Essex," North Atlantic and South Atlantic Stations, 1876–9; Naval Academy, 1880–84; commanding practice-vessel "Mayflower," 1881; Executive of "Lancaster," flag-ship, European Station, 1884–5. Commissioned as *Commander*, June 8, 1885; Naval Academy, 1885–8; commanding training-ship "Portsmouth," 1889–91; special duty, Bureau of Navigation, 1891–2; Member of Examining and Retiring Boards, 1893.

Francis William Dickins.—Born in Beekmanville, Dutchess County, N. Y., Nov. 2, 1844. Entered United States Naval Academy as an *Acting Midshipman* from the Fourth Congressional District of Connecticut, September 20, 1861. Promoted to *Midshipman*, July 16, 1862; was put into an advanced class, and graduated in three years, November 22, 1864; on leave until February, 1865; then on duty on board the receiving-ship "North Carolina," until April, 1865, when he reported for duty on board the "Colorado," flag-ship of the European Fleet. Commissioned as *Ensign*, November 1, 1866. Commissioned as *Master*, December 1, 1866; transferred to the "Augusta," March, 1867, and convoyed the monitor "Miantonomah" about the Mediterranean, and home *via* Canaries, Cape de Verdes, and West Indies; detached from "Augusta" at New York, July, 1867; on leave until October, 1867, and then ordered to the apprentice-ship 'Sabine;" detached from "Sabine," April, 1868, and ordered to the "Tuscarora," fitting out for South Pacific Station, at Mare Island, Cal. Commissioned as *Lieutenant*, March 12, 1868; in June, sailed in "Tuscarora," for South Pacific Station; on duty there until May, 1869, and then "Tuscarora" joined West India Station. Commissioned as *Lieutenant-Commander*, June 12, 1869; remained in West Indies until January, 1871, and then sailed for Portsmouth, N. H., and went out of commission; on leave until June, 1871, and then ordered to duty at U. S. Torpedo Station, at Newport, R. I.; detached from Torpedo Station, January, 1872, and ordered to receiving-ship "Vermont," at New York; detached from "Vermont," March, 1872, and ordered to the "Lancaster," flag-ship of South Atlantic Station, but could not go on account of illness; on leave until October, 1872, and then joined the "Kansas" as Executive-Officer, and sailed on the Nicaragua Inter-oceanic Canal Surveying Expedition; detached from "Kansas," May, 1873; on leave until August, 1873, and then ordered to Asiatic Station and joined the "Monocacy" as Executive-Officer; when "Monocacy" visited Bangkok, was presented with a silver medal by the King of Siam, acceptance of same being authorized by Congress; January, 1875, was transferred to the "Kearsarge" as Executive; was transferred to "Yantic" for three months as Executive, and then ordered back to the "Kearsarge;" in April, 1876, was ordered to command the "Yantic;" was relieved in August, 1876, and arrived home in December, 1876; on leave until January, 1879, and then ordered to duty at the U. S. Naval Academy as Instructor in Mathematics; commanded the U. S. practice steamer "Standish" during the summer cruise of 1879; then rejoined the Naval Academy as Instructor in Seamanship, Naval Tactics, and Naval Construction; detached from Naval Academy, August, 1880; in December, 1880, ordered as a member of the board, convened at the Navy Department, to determine the dates of precedence of the officers of the Navy; May, 1881, ordered to the training-ship "Constitution," flag-ship of the Apprentice Training Squadron, as Executive-Officer; detached from "Constitution," October, 1881, owing to an injury from a falling spar; ordered to the U. S. Hydrographic Office, December, 1881; detached from Hydrographic Office, May, 1882, and ordered to the "Kearsarge" as Executive-Officer, on North Atlantic Station; detached from "Kearsarge," October, 1882, and granted

leave; in June, 1883, ordered to command store-ship "Onward," stationed at Callao, Peru; detached from "Onward," November, 1884, as vessel was sold, arriving home December, 1884. Commissioned as *Commander*, September 23, 1885; employed on several general courts-martial until May, 1887, and then ordered to command the "Tallapoosa," on the South Atlantic Station; detached from "Tallapoosa," October, 1889, and arrived home November, 1889; during January, 1890, employed on general court-martial duty at Navy Yard, New York; Navy Yard, Washington, September, 1890–3; commanding training-ship "Monongahela," September, 1893, to date.

George Francis Faxon Wilde.—Born in Massachusetts. Appointed from Massachusetts, Nov. 30, 1861; Naval Academy, 1861–5; attached to steam-sloop "Susquehanna," Brazil Squadron, 1865–6; steamer "Nipsic," South Atlantic Squadron, 1866–7. Promoted to *Master*, Dec. 1, 1866. Commissioned as *Lieutenant*, March 12, 1868; steam-sloop "Contocook," flag-ship, North Atlantic Squadron, 1868–9. Commissioned as *Lieutenant-Commander*, December 18, 1868; "Tennessee" (second-rate) special service, 1871; "Wabash," flag-ship, European Fleet, 1872; commanding "Canonicus" (iron-clad), North Atlantic fleet, 1873–4; Torpedo Station, 1875; Navy Yard, Boston, 1875–7; Inspector Ordnance at South Boston, February, 1878, to 1879; "Vandalia," North Atlantic Station, 1879–81; Navy Yard, Boston, 1882–3; Light-House Inspector, 1883–5. Promoted to *Commander*, October, 1885; commanding "Dolphin," North Atlantic Station, 1886–9; Light-House Inspector, 1889 to September, 1893; at present waiting orders. While serving on board U. S. S. "Vandalia," as Executive-Officer, twice received letter of thanks from Secretary of Navy.

Charles Henry Davis.—Born in Massachusetts. Appointed from Massachusetts, November 29, 1861; Naval Academy, 1861–4; receiving-ship, New York Station, winter of 1864–5; attached to steam-frigate "Colorado," flag-ship, European Station, 1865–7; "Augusta" (second-rate), 1867; and "Idaho" (store-ship), 1867. Promoted *Ensign*, November 1, 1866, and *Master*, December 1, 1866; steam-sloop "Guerriere," 1867–9; sloop "Portsmouth," 1869–70; both on South Atlantic Station. Promoted *Lieutenant*, March 12, 1868, and *Lieutenant-Commander*, June 30, 1869; receiving-ship, Norfolk, Va., 1871–2; "Omaha" (second-rate), 1872; and "Pensacola" (second-rate), 1873–4, on the Pacific Station; Naval Observatory, 1875–7; from 1877 to 1885 connected with the several expeditions for the determination of differences of longitude by means of submarine cables from Europe to the Atlantic Islands and east coast of South America; in India, China, Japan and the Indian Archipelago; in Mexico and Central America; and on the west coast of South America; "Powhatan" (second-rate), 1885. Promoted to *Commander*, October 30, 1885; commanding sloop "Saratoga" and cruising (training-squadron), 1886–8; commanding the "Quinnebaug" (third-rate), European Station, 1888–9; Chief Intelligence Officer, Navy Department, 1889, to September, 1892. General Inspector of Montgomery, December, 1891, to date.

Bowman Hendry McCalla.—Born in New Jersey. Appointed from New Jersey, Nov. 30, 1861; Naval Academy, 1861–4; attached to steam sloop "Susquehanna," Brazil Squadron, 1865–6; steam-sloop "Brooklyn," flag-ship, South Atlantic Squadron, 1866–7. Promoted to *Master*, December 1, 1866; steam-sloop "Kearsarge," South Pacific Squadron, 1867–8. Commissioned as *Lieutenant*, March 12, 1868; steam-sloop "Tuscarora," South Pacific Squadron, 1868–71. Commissioned as *Lieutenant-Commander*, December 18, 1868; "Wabash," flag-ship, European Fleet, 1872; "Wa-

chusett" (third-rate), European Fleet, 1873; Naval Academy, 1875–8; "Powhatan," North Atlantic Station, 1878–81; Assistant Bureau Navigation, 1881–87. Promoted to *Commander*, November, 1884; commanding "Enterprise," European Station, 1887 to May, 1890. At present at Navy Yard, Mare Island.

Charles Jackson Train.—Born in Massachusetts. Appointed from Massachusetts, Nov. 27, 1861; Naval Academy, 1861–4; steam-frigate "Colorado," flag-ship, Mediterranean Squadron, 1866–7. Promoted to *Master*, December 1, 1866; steam-sloop "Frolic," European Squadron, 1868; Commissioned as *Lieutenant*, March 12, 1868; steam-frigate "Sabine," special cruise, 1869–70. Commissioned as *Lieutenant-Commander*, June 30, 1869; Naval Academy, 1871–2; special duty, 1873; special duty (transit of Venus), 1874–5; "Tuscarora" (third-rate), N. P. Station, 1875–6; Navy Yard, Mare Island, 1877; "Lackawanna" (second-rate), N. P. Station, 1877; Naval Academy, 1877–81; "Powhatan," special service, 1881–4; Bureau of Equipment and Recruiting, 1884–6. Promoted to *Commander*, January, 1886; commanding training-ship "Jamestown," 1886–8; commanding training-ship "Constellation," 1888–9; Light-House Inspector, 1889 to December, 1892; commanding "Machais," July, 1893, to date.

Edwin White.—Born in Ohio, and appointed from that State to the United States Naval Academy, November 29, 1861; graduated November, 1864; February, 1865, ordered to Navy Yard, New York, and attached to receiving-ship "Vermont;" April of the same year ordered to frigate "Colorado," flag-ship of European Station. Promoted to *Ensign*, November 1, 1866; to *Master*, December 1, 1866; and in March, 1867, ordered to steamer "Shamrock," on the same station. Promoted to *Lieutenant*, March 12, 1868; on return of the "Shamrock" to the United States, in July, 1868, detached, and in September following was ordered to steamer "Yantic" as navigator; served in that capacity until November, 1869, when, her commander and others having died of yellow fever, the ship was put out of commission at New York. Promoted to *Lieutenant-Commander*, September 15, 1869; Hydrographic Office, Navy Department, January to September 1870; Naval Academy, October, 1870, until April, 1871; Navy Yard, Philadelphia, until following September, when ordered as Executive-Officer to the U. S. S. "Kansas;" ship sent to Havana upon report of massacre of students in November, where she remained for the protection of American citizens pending an expected outbreak; March, 1872, the ship detailed to receive on board, at Key West, a Nicaraguan surveying expedition, under command of Commander Crossman, and convey the party to Greytown; Commander Crossman, in attempting to land at Greytown, having been drowned, the command of the expedition devolved upon Commander Hatfield, of the "Kansas," who landed with the party, and directed Lieutenant-Commander White to command the ship. While in command, having proceeded to Aspinwall for coal and other supplies, he found the Spanish man-of-war "Pizarro" blockading the American steamer "Virginius," which steamer, at that time, had acquired the reputation of having successfully run the Spanish blockade on the Cuban coast. The master of the "Virginius" appealed to Lieutenant-Commander White for protection, and the Captain of the "Pizarro" informed him in person that he had orders to prevent the "Virginius" from going to sea. When the "Virginius" was ready for sea, Lieutenant-Commander White requested the United States Consul to bring her papers to him for examination; and, having carefully considered the case, was convinced that no power had the right to interfere with the

steamer; that whatever had been her past record, there was nothing in evidence at that time which would warrant detention by a foreign cruiser. He then sent an officer with the Consul to deliver the steamer her papers, and informed the commanding officer of the "Pizarro," by letter, that, having investigated the present status of the "Virginius," he considered her free to sail without molestation, and trusted that no attempt would be made to detain her. To this letter no reply was received, and upon the "Virginius" making preparations for sea, the "Pizarro" followed suit. When the "Virginius" got under way, the "Kansas," being in readiness for sea, and for action as well, was interposed between the "Virginius" and the "Pizarro." The latter vessel got under way at once, and the three vessels proceeded to sea in that order. After a few hours' run it became evident that the "Pizarro" was no match for the "Virginius" in point of speed, and, the master of the latter vessel having declared that he feared nothing further from the "Pizarro," the "Kansas" returned to Aspinwall, and the "Virginius" proceeded to the Venezuelan port for which she had cleared. In relation to the protection and convoying to sea of the "Virginius," the Navy Department addressed him a letter, saying; "Your whole course is approved in every respect;" commanding U. S. S. "Onward," on the Peruvian coast, from September, 1872, to March, 1875, where, for months at a time, he was senior officer during the frequent turbulent periods; his reports of the condition of affairs on shore were commended by the commander-in-chief, and by the Navy Department; 1875–7 served on board the U. S. S. "Tennessee," as principal aide to Rear-Admiral Reynolds, commander-in-chief on the Asiatic Station; 1878, Instruction at Torpedo Station, Newport, R. I.; 1879–82, Instructor in Seamanship, Naval Academy, Annapolis, Md.; commanded the practice-ship "Dale," with naval cadets on board, during the summer of 1880; June, 1882, ordered to the "Hartford," fitting out at Boston, as flagship, Pacific Station; served as Executive-Officer until April, 1884, when invalided home; special duty at Navy Department, December, 1884, to April, 1885; May, 1885, Training Station, Newport, R. I. Promoted to *Commander*, March 4, 1886; during summer of 1886, in attendance at Torpedo Instruction, Newport, R. I.; December 10, 1886, to October, 1888, commanding training-ship "Portsmouth," with naval apprentices, cruising to the coast of Europe during the summer months, and in the winter through the Windward West India Islands; November 1, 1888, ordered as Equipment-Officer, at the Navy Yard, Portsmouth, N. H.; ordered to the command of the U. S. S. "Concord," April, 1892. Ascended the Mississippi River to Memphis, Tenn., to participate in the celebration of the opening of the bridge across the river at that point. Afterwards went to Cairo, Illinois, and anchored in the Ohio River. This novel cruise for a vessel of sixteen feet draft attracted much attention throughout the country; on the return of the ship to the sea, stopped at all important river turns; much enthusiasm prevailed and the display of patriotism at sight of a national vessel in those waters was very marked. Cruised with the North Atlantic Squadron, during summer of 1892; proceeded under telegraphic orders to Venezuela, September, 1892, to protect American interests during a prolonged revolution, and where our mail steamers had been interfered with; on the arrival of Admiral Walker, ordered to Colon to restore the traffic on the Isthmus, which had been interrupted by local authority. Attached to the fleet of Admiral Gherardi, in March, 1893, and participated in the Naval Review at Hampton Roads and New York, July 17, 1893; ordered as Equipment Officer of the Navy Yard, New York.

Oscar Frederick Heyerman.—Born in Prussia, Feb. 17, 1844. Appointed *Acting Midshipman* from Michigan, November 29, 1861. Appointed *Acting Midshipman*, July 16, 1862; at Naval Academy to graduation, November 22, 1864; U. S. R. S. "Vermont," New York, 1865; U. S. F. S. "Colorado,' 1865–66, European Station. Commissioned *Ensign*, November 1, 1866. Commissioned *Master*, December 1, 1866. Commissioned *Lieutenant*, March 12, 1868; U. S. S. "Canandaigua," 1867–9, European Station; U. S. S. "Michigan," 1869. Commissioned *Lieutenant-Commander*, October 13, 1869; U. S. F. S. "Colorado," 1870–3, Asiatic Station; ordnance duty, New York, 1873–5; U. S. S. "Alert," 1875; U. S. S. "Marion, November, 1875, to April, 1876; U. S. S. "Monongahela," April, 1876, to July, 1876; U.S.S. "Swatara," November, 1876, to December, 1877; U.S.R.S. "New Hampshire," November, 1878, to June, 1881; U. S. R. S. "Colorado," June, 1881, to June, 1882; U. S. F. S. "Pensacola," June, 1882, to May, 1884; in command from May 24 to July 10, 1883, Pacific Station. Commissioned *Commander*, May 19, 1886; U. S. S. "Yantic," in command, November, 1887, to February, 1889, North Atlantic Station; Light-House Inspector, Eleventh District, October, 1889, to October, 1892; member Board of Inspection, October, 1892, to September, 1893; commanding Kearsarge, September, 1893, to date.

George Wood Pigman.—Born in Indiana. Appointed from Indiana, September 28, 1861; Naval School, 1861–4; steam-sloop "Brooklyn" flag-ship, Brazil Squadron, 1866–7. Promoted to *Master*, December 1, 1866; steam-sloop "Kansas," South Atlantic Squadron, 1868. Commissioned as *Lieutenant*, March 12, 1868. Commissioned as *Lieutenant-Commander*, October 28, 1869; (iron-clad) "Saugus," North Atlantic Fleet, 1870; Naval Academy, 1871–3; "Hartford," flag-ship, Asiatic Station, 1873–5; Naval Observatory, 1876–8; "Wachusett," South Atlantic Station, 1879–82; Hydrographic Office, 1882–4; Torpedo Station, 1884–5; "Tennessee," North Atlantic Station, 1885–6. Promoted to *Commander*, October, 1886; commanding "Alliance," South Atlantic Station, 1888–9; League Island Navy Yard, 1890, to October, 1891; commanding Monitors, at Richmond, Va., March, 1892, to date.

Thomas Nelson.—Born at sea. Appointed from Pennsylvania, January 1, 1862; entered the service as *Acting Master's Mate;* attached to the steamer "Currituck," Potomac Flotilla, 1862–4, co-operating with the Army of the Potomac. Promoted to *Acting Ensign*, November, 1862; temporarily detached from the "Currituck," and ordered to duty as Signal-Officer of the steamer "Wachusett," on a passage from Philadelphia to Port Royal, S. C, having the iron-clad "Sangamon" in tow, January, 1864; on arrival at Port Royal, returned to duty on board the "Currituck;" steamer "Commodore Read," February, 1864, to June, 1864; commanded the steamer "Dragon," Potomac Flotilla, from June 1, 1864, to October 8, 1864; commanded the steamer "Mercury," blockade duty at the Great Yeocomisto River and adjoining creeks of Virginia, from October 8, 1864, to January 27, 1865, keeping in check and eventually driving off the home guards and Chesapeake Bay pirates. Promoted to *Acting Master*, March 27, 1865; commanding the steamer "Cœur de Lion" until the close of the war; Navy Department, 1865–6; steamer "Don," as Navigator, January, 1866 to August 7, 1866; steamer "Pensacola," Pacific Squadron, August 7, 1866, to October, 1867; steamer "Penobscot," West India Squadron, as Navigator, December 9, 1867, to July 9, 1869. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, December 18, 1868; S. S. "New Hampshire," as Executive-

Officer, from September, 1869, to June, 1870. Commissioned as *Lieutenant-Commander*, January 25, 1870; "Saco" (fourth-rate), N. A. Fleet, 1870–3; leave, Europe, 1874; "Franklin," flag-ship, European Squadron, 1875–6; Hydrographic Office, 1877–80; "Alaska," Pacific Station, 1881–3; Hydrographic Office, 1883–4; commanding "Palos," Asiatic Station, 1884–7. Promoted to *Commander*, December, 1886; Mare Island Navy Yard, 1888, to March, 1892; commanding "Adams," March, 1892, to date.

John McGowan.—Born in Delaware. Appointed from New Jersey; entered the service as an acting volunteer officer; was engaged during the Rebellion. Appointed to the regular navy with rank of *Master*, 1867, receiving-ship "Philadelphia," 1868. Commissioned as *Lieutenant*, December 18, 1868; steam-sloop "Unadilla," Asiatic Fleet, 1869; steam-sloop "Iroquois," Asiatic Fleet, 1870. Commissioned as *Lieutenant-Commander*, 1870; "Terror" (iron-clad), N. A Fleet, 1871; Navy Yard, Philadelphia, 1872; "Wachusett" (third-rate), European Station, 1873; "Juniata" (third-rate), European Station, 1874–5; service, Europe, 1876; Hydrographic Office, 1876–8; "Marion," European Station, 1879–82; Naval Rendezvous, Philadelphia, 1883–5; Navy Yard, New York, 1885–7. Promoted to *Commander*, January, 1887; commanding "Swatara," S. A. Station, 1887–8; commanding "Swatara," Asiatic Station, 1889–90; commanding school ship, "St. Mary's," January, 1891, to date.

James G. Green.—Entered the volunteer service as an *Acting Ensign*, and at close of the Rebellion was transferred to the regular navy. Commissioned as *Lieutenant-Commander*, July 3, 1870; Asiatic Fleet, 1870–1; "Saco" (third-rate), Asiatic Station, 1872–6; commanding "Palos," Asiatic Station, 1877–81; Hydrographic Office, 1881–3; "Galena," N. A. Station, 1883–6. Promoted to *Commander*, March, 1887; Torpedo Station, 1886–7; commanding "Alert," January, 1889, to August, 1890; Light-House Inspector, August, 1890, to date.

George E. Wingate.—Entered the service as *Acting Ensign* in 1863; served on Blockading Squadron during the Rebellion; transferred to the regular navy at end of war. Commissioned as *Lieutenant-Commander*, July 13, 1870; torpedo service, 1872; R. S. "New Hampshire," 1874; commanding "Ajax" (iron-clad), N. A. Station, 1875–6; "Adams" (second-rate), S. A. Station, 1877–80; Navy Yard, Boston, 1880–82; "Brooklyn," S. A. Station, 1882–4; in charge of Nitre Depot, Malden, 1884–7. Promoted to *Commander*, May, 1887; commanding store-ship "Monongahela," 1887–90; commanding "Ranger," November, 1890, to December, 1891; commanding "Michigan," December, 1891, to April, 1893; Light-House Inspector, April, 1893, to date.

Joshua Bishop.—Born in Missouri. Appointed acting *Midshipman* from Missouri, September 20, 1854; Naval Academy, 1854–8. Commissioned *Lieutenant*, April 19, 1861. Special duty fitting gunboat flotilla in Cincinnati, June and July, 1861, and at St. Louis, August, 1861. Executive-Officer gunboat "A. O. Taylor," 1861, and Benton, 1861–2; commanding gunboat "General Bragg," 1862–3; "Tuscarora" N. A. Blockading Squadron, 1863–4; Naval Academy, 1864–5. Commissioned *Lieutenant-Commander*, March 3, 1865; "Wyoming" Asiatic Squadron, 1865–8; declared to be out of naval service from February 8, 1868. By Act of Congress appointed *Lieutenant-Commander*, March 1, 1871; Pacific Station, "Saranac," "Pensacola," and "Benicia," 1871–4; Torpedo Station, 1875; N. A. Station, "Plymouth," 1875–6; receiving-ship "Franklin," 1877–80; European and S. A. Stations; "Galena," 1880–3; training-ship "Minnesota,"

1884–6. Promoted *Commander*, August 25, 1887; ordnance duty, Norfolk Navy Yard, 1887–9; commanding "Iroquois," Pacific Station, 1889–91; Naval Observatory, 1891–3. Participated in battles of Belmont, Fort Donelson, Columbus, Island No. 10, Fort Pillow, and Memphis, in 1862; and in military operations along the Mississippi River in 1862–3; was given command of captured gunboat "General Bragg" at termination of battle of Memphis, June 6, 1862, for highly meritorious and distinguished conduct in that and preceding actions. The "General Bragg" had been boarded and seized by a party under his command at the termination of the battle. The vessel was on fire and in a sinking condition, with a lighted train to the magazine, which was cut off and put out by Bishop.

Felix McCurley.—Born in Baltimore, Maryland. Appointed as *Acting Master*, November, 13, 1861; ordered to U. S. S. "Winona;" attached to "Winona," West Gulf Squadron, 1861–2; engaged in the attack on Forts Jackson and St. Philip, April 24, 1862; in the attack and passage of Vicksburg batteries, June 28, 1862; in engagement with iron-clad "Arkansas," above Vicksburg; attack on and passage of Vicksburg batteries, July 15, 1862, besides in various skirmishes on the Mississippi River; October 12, 1863, engaged in fights with Fort Morgan, while in command of steamer "Eugenia" (Glascow); 1863–4, attached to U. S. steam-sloop "Lackawanna," engaged in the attack and passage of Forts Morgan and Gaines, and subsequent engagement in Mobile Bay with the iron-clad "Tennessee" and other vessels of the Confederate Fleet. Promoted to *Acting Volunteer Lieutenant*, November 9, 1864; attached to U. S S. "Chocura," West Gulf Squadron, 1865–7; July 5, 1867, to July, 1870, attached to U. S. S. "Quinnebaug," South Atlantic Squadron. Commissioned as *Master*, March 12, 1868. Commissioned as *Lieutenant*, December 18, 1868. Commissioned as *Lieutenant-Commander*, March 2, 1870; July, 1870, to February, 1871, on duty at Hydrographic Office, Washington; February to August, 1871, U. S. S. "Worcester," European Station; August, 1871–3, on duty at Hydrographic Office, Washington; August, 1873, to July, 1876, attached to U. S. S. "Alaska," European Squadron; April, 1877, to October, 1877, attached to U. S. S. frigate "Franklin;" Torpedo Station, 1877–8; commanding "Fortune," special service, 1878–9; R. S. "Wabash," 1881–2; R. S. "Franklin," 1883–6. Promoted to *Commander*, January, 1887; commanding iron-clads, City Point, Va, 1889–90; commanding "Nipsic," Pacific Station, November, 1890, to May, 1891; commanding "Alliance," Asiatic Station, May, 1891, to July, 1892, during which time rescued the crews of two shipwrecked Chinese vessels at sea, receiving letters of thanks from Chinese authorities on both occasions; Equipment Officer, Navy Yard, League Island, April, 1893, to date.

John K. Winn.—Born in Massachusetts, August 31, 1833; educated in public schools and left school at an early age; some years later entered the merchant service, engaged principally in the East India and Brazilian trades; at breaking out of war was chief mate. In August, 1861, enlisted for one year in the U. S. Navy and served in various petty offices on board the U. S. S. "Ino," then searching for the Confederate steamer "Sumter." In July, 1862, was discharged and in September was appointed *Acting Master's Mate*, U. S. N., and placed on temporary duty on the "Macedonian" at Boston; assisted in taking the "Santee" from Boston to Newport, R. I., for use at the Naval School there; was afterward detailed and acted as watch and division officer on board the "McDonough," which served in the inland waters near Charleston, S. C.; was present during the whole siege of that place, and was on detached duty as scout about the harbor, serving part of the time with army officers.

June, 1863, promoted to *Acting Ensign.* August, 1864, promoted to *Acting Master,* and in September was detached from "McDonough," and reported for duty on board iron-clad "Nantucket;" in October was detached sick and ordered North; in November ordered to the U. S. S. "Bat," as Executive-Officer; served in her in the North Atlantic Squadron; while attached to this vessel she was detailed as convoy to the steamer "River Queen," which took President Lincoln to City Point, Va., and was present with him when he entered Richmond after the surrender, then convoyed him on his return to Washington only two days previous to his assassination. The "Bat" also had the honor of returning to Newberne, carrying back General Sherman and his staff after the memorable midnight visit to General Grant. May, 1865, detached from "Bat," at Washington, and ordered to "Seneca," at Norfolk, and later, in the month of June, was detached and granted leave preparatory to honorable discharge, but, on June 28, was ordered to "Independence," at Mare Island. August, 1865, promoted to *Acting Volunteer Lieutenant;* detached from "Independence," and ordered to duty on "Saranac," and was returned to duty on "Independence," October, 1867; in November ordered to the "Newberne," and in March, 1868, transferred, with officers and crew, to the U. S. S. "Gettysburg;" June 25, received commission as *Master* in Regular Navy, and immediately promoted to *Lieutenant,* having fulfilled the requirements as to length of service. The "Gettysburg" was attached to the West India Squadron, and detailed to make deep-sea soundings from the south side of Cuba to Jamaica and Aspinwall for telegraph cable, and also assisted in laying cable from Key West to Havana; was put out of commission at New York, November, 1869, and granted leave for two months; January, 1870, ordered to "Yantic," at New York, and fitted out for taking deep-sea soundings for the first cable connecting the West India Islands and South America (Demerara); afterward employed mostly about San Domingo during the prospect of the purchase of Samana Bay scheme; 1871, detached, "Yantic" going out of commission; in September, ordered to receiving-ship "Ohio," at Boston; 1873, detached, and ordered to "Wyoming," at Key West, surveying on Mexican coast; July, 1873, detached at own request; ordered to "Pawnee," at Key West; in September, by death of commanding officer, was left in command, which he held until September, 1876; was then detached at own request and was waiting orders until July 24, 1877; telegraphic orders to join the iron-clad "Nahant," at Philadelphia, for riot duty; August 20, detached and ordered home; August 25, ordered to "Wabash," at Boston; February 8, 1878, detached at own request. June 18, received commission as *Lieutenant-Commander*; from December 11, 1877, to July 24, 1878, Court Martial duty; August 1, ordered to duty at Navy Yard, Boston; October, 1879, detached and ordered to command Naval Station, Key West, Fla., and until November, 1881, was on various special duties (additional); November 5, ordered to duty (additional) as Light-House Inspector of Seventh District; November, 1883, detached from Naval Station; December 31, detached as Light-House Inspector, and ordered home; February, 1884, special duty, Bureau of Yards and Docks, Navy Department; July, 1884, ordered to receiving-ship "Vermont," at New York; August, 1885, detached, and ordered to command Naval Station, Key West, Fla.; 1887 (additional), temporary duty as Light-House Inspector Seventh District; was relieved from that duty November 23, 1887; 1888, promoted to *Commander,* and orders to duty at Key West have been renewed up to present time.

Charles H. Rockwell.—Was born in Chatham, Massachusetts, April 29, 1840. He entered the naval service of the United States as an *Acting Master*, July 5, 1862; served on board the receiving-ship "North Carolina" for a few weeks, and was then ordered to the U. S. steamer "Penguin;" served as Executive-Officer on that ship in the East Gulf Squadron until May 10, 1863, when he was ordered to the U. S. schooner "Wanderer;" on July 6, 1863, he was detached from the "Wanderer" and ordered to command the U. S. schooner "Two Sisters;" during the time that he held this command active and important services were performed on the west coast of Florida, calling forth a commendatory letter from the Commander-in-Chief, who recommended Mr. Rockwell for promotion; December 16, 1863, the Department promoted him to *Acting Volunteer Lieutenant*, "in consideration of good service;" on December 29, 1863, Lieutenant Rockwell was detached from the command of the "Two Sisters" and ordered to command the bark "Gem of the Sea;" on November 5, 1864, Mr. Rockwell was detached from the command of the "Gem of the Sea," and ordered to command the U. S. steamer "Hendrick Hudson;" while in command of this ship, and of the force blockading off St. Marks, Florida, he organized and directed an expedition against rebel salt works, dispersing the armed force at the entrance to the river, and destroying a large amount of property. This called forth another letter of commendation from the Commander-in-Chief. On February 22, 1865, an expedition under Brigadier-General John Newton was organized to operate in the vicinity of St. Marks, and at the request of General Newton, Lieutenant Rockwell was assigned to duty with the expedition, and was appointed Naval Aide on the Staff of the Commanding-General, and placed in charge of the transportation of the troops. The forces landed at St. Marks, and an engagement followed at Newport, and a bloody battle at a point known as Natural Bridge, eight miles below Tallahassee. In this expedition, Lieutenant Rockwell served constantly on the Staff of General Newton, receiving from him a letter of thanks for his services on the return of the expedition. Resuming command of the "Hendrick Hudson," he was on March 27, 1865, promoted to the grade of *Acting Volunteer Lieutenant-Commander*. He remained in command of this ship until August 8, 1865, when he was detached and granted four months' leave of absence, and was honorably discharged from the naval service December 8, 1865. In November, 1866, Mr. Rockwell was examined for the regular service, and on the 19th of that month was re-appointed *Acting Master* in the Navy; he served on board the U. S. steamer "Osceola" in the West Indies until September, 1867; in October of that year he took passage in the U. S. S. "Idaho" to Brazil, and served on the flag-ship "Guerriere" until her return to the United States in July, 1869. On March 12, 1868, he was commissioned a *Master* in the regular service, and on December 18, of the same year, was promoted to *Lieutenant*. After a short service on the receiving-ship "Vandalia" at Portsmouth, New Hampshire, he was ordered to the U. S. S. "Palos," and proceeded in her to China, commanding her there until October, 1872, when he returned to the United States in the "Alaska." During the time Lieutenant Rockwell was in command of the "Palos" he participated in the actions with the Corean forts in the expedition under the command of Rear-Admiral John Rodgers. From March, 1873, until September, 1874, he was on duty at the Portsmouth Navy Yard; from the latter date until April, 1875, he served on the "Plymouth" and "Colorado," and on June 1, 1875, became Light-House Inspector of the Fourteenth Light-House District. On June 1, 1876, was ordered as Executive of the U. S. S.

"Adams." On February 26, 1878, was promoted to *Lieutenant-Commander;* served at Torpedo School, and on May 1 joined U. S. S. "Jamestown" as Executive, and served in that ship in Alaska until September, 1881; was on duty at the Boston Navy Yard until October 1, 1882; 1883, was on the receiving-ship "Franklin," at Norfolk, Virginia; in September, 1884, took a large draft of men to the Isthmus for the Pacific Squadron; was again at the Torpedo School in 1885, and at the War College; from April, 1886, to October, 1888, served on the training-ship "Minnesota" at New York; October 31, 1888, was promoted to *Commander*, and February 20, 1889, took command of the U. S. S. "Yantic," until October, 1891. Commanding R. S. "St. Louis" from October, 1891, to date.

James McQueen Forsyth.—Born on Long Island, Bahamas, January 1, 1842. Came to Philadelphia in September, 1853; educated in the public schools of Philadelphia, and at the age of fifteen went to sea in the merchant service; entered the United States Navy on August 1, 1861, as a volunteer with Commander H. S. Stellwagen, U. S. Navy, who appointed him Second Class Pilot for the Hatteras Expedition; favorably mentioned by Commander Stellwagen in official dispatch at capture of Forts Clark and Hatteras. Appointed as *Acting Master's Mate*, September 25, 1861; served through the Rebellion, being attached at various times to the North and South Atlantic and West Gulf Squadrons; participated in the engagements under Farragut, on the Mississippi, from Forts Jackson and St. Philip to Vicksburg, the fight at Grand Gulf and engagements with rebel ram "Arkansas." For good service in these actions, was recommended for promotion by Commander John De Camp, and promoted to *Acting Ensign*, September 5, 1862; while attached to the "Water-Witch," "Pawnee," and monitor "Nantucket," in the South Atlantic Squadron, took part in expeditions up St. John's River, and in various engagements with Sumter, Moultrie, and the other fortifications in Charleston Harbor. Promoted to *Acting Master*, August 1, 1864; was one of the officers detailed to bring North the captured rebel ram "Columbia," in May, 1865; served as Navigator and Executive-Officer of the U. S. S. "Nyack," Pacific Squadron, 1865–8. Commissioned as *Master* in the regular navy, March 12, 1868, and as *Lieutenant*, December 18, 1868; Executive-Officer, U. S. S. "Purveyor," special service, 1868–9; receiving-ship "Potomac," May, 1869–70; Navigator and Executive, iron-clad "Saugus," North Atlantic Squadron, in 1870; Executive, iron-clad "Ajax," 1871; Navy Yard, Philadelphia, May, 1871, to December, 1872; Executive-Officer, U. S. S. "Supply," special service, Vienna Exposition, from January to December, 1873; Navy Yard, Philadelphia, December, 1873, to March, 1874; Navigating-Officer, steam-sloop "Powhatan," North Atlantic Squadron, March, 1874, to February, 1877; sick-leave, February, 1877, to May, 1877; Torpedo Instruction, June to October, 1877; navigation duty, League Island, 1877–80. Promoted to *Lieutenant-Commander*, May 9, 1878; Executive-Officer, U. S. S. "Constellation," special service, Irish relief, March, 1880, to June, 1880; waiting orders, July, 1880, to February, 1881; Executive-Officer, receiving-ship "Colorado," March, 1881, to June, 1881; Navigating and Executive-Officer, U. S. S. "Lancaster," flag-ship, Mediterranean Squadron, July, 1881, to September, 1884; leave from November, 1884, to April, 1885; Ordnance-Officer, League Island, May, 1885, to June, 1886; Assistant to Executive, United States Naval Home, June 1886, to July, 1889. Promoted to *Commander*, February 14, 1889; ordered to command school-ship "Saratoga," March, 1889; orders revoked at his own request, June 26, 1889; July 16, 1889, ordered to command the

U. S. S. "Tallapoosa," Brazil Squadron, where he served until 1892; Naval Home, Philadelphia, 1892, to date.

George Albert Converse.—Born in Vermont. Appointed an *Acting Midshipman*, at Naval Academy, September 29, 1861; graduated in 1865; steam-sloop "Canandaigua," European Squadron, Midshipman and Watch-Officer, 1865–68; steamer "Frolic," European Station, Executive Officer, 1868–69. Promoted to *Ensign*, December 1, 1866; *Master*, March 12, 1868; *Lieutenant*, March 26, 1869; Torpedo Service, 1869–71; "Colorado," "Lackawanna," "Hartford," Asiatic Station, 1872–73; Torpedo Station, 1874–77; "Marion," European Station, Executive Officer, 1877–79. Promoted to *Lieutenant-Commander*, July, 1878; sick leave, 1880–82; "Lancaster," European Station, 1883–84; Torpedo Station, 1885–88. Promoted to *Commander*, March, 1889; Inspector of Construction of Torpedo Boats, 1889, to July, 1890; Commanding "Enterprise," July, 1890, to August, 1891; Bureau of Ordnance and President of Torpedo Board, August, 1891, to January, 1893; charge of Torpedo Station and President of Torpedo Board, January, 1893, to date.

Royal Bird Bradford.—Born in Maine. Appointed an *Acting Midshipman* at Naval Academy, Nov. 28, 1861; graduated, 1865; "Swatara" and "Rhode Island" (flag ship), West India Squadron, 1865–6. Promoted to *Ensign*, December 1, 1866; steam-sloop "Iroquois," Asiatic Squadron, 1867–9; "Delaware" (flag-ship), Asiatic Squadron, 1870. Promoted to *Master*, March 12 1868, and to *Lieutenant*, March 26, 1869; torpedo service, 1871–2; "Wabash" (flag-ship) European Squadron, 1873; "Franklin" (flag-ship), European Squadron, 1874; Torpedo Station, as Instructor in torpedo warfare, 1875–6; Executive Officer of the "Alliance" (third-rate), European Squadron, 1877–9. Promoted to *Lieutenant-Commander*, November 30, 1878; Torpedo Station as Instructor, 1880–3; Executive Officer of the "Trenton" (flag-ship), Asiatic Station, 1883–5; special duty, Newport, 1885–6; Naval Inspector Electric Lighting, 1886–7; Assistant, Bureau of Navigation, 1887–89. Promoted *Commander*, March 26, 1889; Naval Inspector Electric Lighting, 1889–90; commanding "Bennington," June, 1891, to November, 1893. While in command of the "Bennington," the latter was sent to South America as one of the squadron to protect American interests at the time of the threatened war with Chili, 1891–92; attended all the Columbus celebrations in Europe in 1892; convoyed Columbus caravels "Pinta" and "Nina" from Barcelona to Palos; convoyed the "Pinta" from Cadiz, Spain, to Havana; participated in the Naval Review Fleet, 1893; member Board of Inspection and Survey, November, 1893, to date.

George R. Durand.—Born in Connecticut. Appointed from Rhode Island, and rated *Master's Mate*, October 26, 1861; steamer "Mystic," N. A. B. Squadron, part of 1861–2. Appointed *Acting Master*, April 14, 1862; Executive, steamer "Mohawk," S. A. B. Squadron, part of 1862–3, and commanding same vessel latter half of 1863; Executive, sloop "John Adams" and steamer "Paul Jones," part of 1864, same squadron; in July, 1864, while on an expedition up the Ogeechee River, Georgia, with two men and a guide, to endeavor to burn the steamer "Water-Witch," lately captured from us by the enemy, was captured by a company of Confederates, thirty-four men; was confined in Savannah and Macon, Ga., Charleston, S. C., and Libby Prison, Richmond, Va; Navigator, then Executive, steamer "Muscoota," Gulf Squadron, 1865–6. Promoted to *Acting Volunteer Lieutenant*, June 27, 1866; Executive, steamer "Penobscot," New York, latter part of 1866; Navigator, then Executive, steamer "Osceola," West Indies, 1867; Executive, steamer "Maumee," 1867–8. Commissioned as *Master* in regular navy

from March 12, 1868; receiving-ship "New Hampshire," Norfolk, 1868; Navigator, steamer "Ashuelot," Asiatic Squadron, 1869. Commissioned as *Lieutenant*, from December 18, 1868; receiving-ships "Vermont," at New York, and "Vandalia," at Portsmouth, N. H., 1870; commanding steamer "Speedwell," at Portsmouth, N. H., 1871; Executive, steamer "Nipsic," Gulf and West Indies, 1871–2; receiving-ships "Vermont," at New York, and "Ohio," at Boston, 1873; again commanding steamer "Speedwell," at Portsmouth, N. H., part of 1873–4; receiving-ship "Ohio," 1874; commanding iron-clad steamer "Mahopac," N. A. Station, 1874–6; iron-clad steamer "Canonicus," New Orleans, part of 1874; receiving-ship "Wabash," Boston, 1877. Commissioned as *Lieutenant-Commander*, from November, 25, 1877; commanding iron-clad steamer "Lehigh," N. A. Station, 1877–82; Executive, "Alliance," N. A. Station, 1883–6; iron-clads, James River, 1886–9. Promoted to *Commander*, March, 1889; Light-House Inspector, 1889 to May, 1892; commanding "Alert," November, 1892, to April, 1893; sick leave, April, 1893, to date.

Francis Morgan Barber.—Born in Ohio. Appointed an *Acting Midshipman* at Naval Academy, Dec. 27, 1861; graduated, 1865; "Swatara" (third-rate), West India Squadron, 1866. Promoted to *Ensign*, December 1, 1866; frigate "Minnesota," special service, 1867–8. Promoted to *Master*, March 12, 1868, and commissioned as *Lieutenant*, March 26, 1869; "Yantic" (fourth-rate), N. A. Squadron, 1868–9; "Michigan" (fourth-rate), on the lakes, 1870–1; torpedo duty, 1872–4; commanding "Alarm" (fourth-rate), special service, 1875; "Vandalia," N. A. Fleet, 1875–6; "Alert" (second-rate), Asiatic Station, 1877–9. Promoted to *Lieutenant-Commander*, January, 1879; "Quinnebaug," European Station, 1880–3; member Advisory Board, 1883–5; leave of absence, 1885–9. Promoted to *Commander*, March, 1889; waiting orders, 1890; commanding "Monocacy," September, 1891, to October, 1893; at present on leave of absence.

Timothy Augustine Lyons.—Appointed *Midshipman* and entered the Naval Academy, January 2, 1862; graduated September, 1865; attached to the "Monongahela," of the West India Squadron, from 1865, until that vessel was driven ashore on the Island of Santa Cruz, by a tidal-wave following an earthquake; then on the "De Soto," of the same squadron, until 1868; on the "Piscataqua," "Unadilla," and "Idaho" of the China Squadron, from 1868 until 1871; Instructor at the Naval Academy, and on board the "Constellation," from 1871 to 1873; attached to the "Pensacola," flag-ship of the Pacific Squadron, from 1873 until 1876; at the Hydrographic Office, Washington, from 1876 to 1879; ordered to the "Constellation" in 1879, and upon her arrival at Gibraltar in the autumn of that year, was transferred to the "Trenton," flag-ship of the European Squadron, to which he remained attached until she came home and was put out of commission in 1881; from 1881 until 1885, Superintendent of Compasses in the Bureau of Navigation, Washington; from 1886 to 1888, was Executive-Officer of the "Galena," and of the "Tennessee," and "Richmond," both successively flag-ships of the North Atlantic Squadron; in 1889, ordered as member of the Inspection Board of Merchant Vessels at New York, November, 1892; commanding training-ship "Monongahela," November, 1892, to October, 1893; commanding "Alliance," October, 1893, to date. Promotions: to *Ensign*, in 1866; to *Master*, 1868; to *Lieutenant*, in 1869; to *Lieutenant-Commander*, in 1879, and to *Commander*, in 1889.

John Stark Newell.—Born in Massachusetts. Appointed an *Acting Midshipman* at the Naval Academy, from New York City, September 30, 1861; graduated, 1865; attached to steamer "Swatara," North Atlantic and

European Stations, 1865–9. Commissioned as *Ensign*, December 1, 1866; *Master*, March 12, 1868; and *Lieutenant*, March 26, 1869; attached to monitor "Miantonomah," 1869–70, N. A. Station; to sailing-ship "Guard," N. A. Station, 1870; monitor "Mahopac," N. A. Station, 1872; sailing-sloop "Portsmouth," *en route* to South Atlantic Station, 1872; U. S. S. frigate "Lancaster," flag-ship, South Atlantic Station, 1872–5; Navy Yard, New York, 1875–6; under instruction at Torpedo Station, 1876; attached to U. S. S. "Huron," N. A. Station, 1876; on duty as Instructor, Torpedo Station, 1877–9; "Nipsic," special duty, 1879–83. Promoted to *Lieutenant-Commander*, January, 1880; Instructor, Torpedo Station, 1883–6; commanding "Pinta," Pacific Station, 1886–9. Promoted to *Commander*, October, 1889; Navy Yard, Boston, 1889, to March, 1890; Naval Inspector of Electric Lighting, March, 1890, to January, 1893; leave of absence, January, 1893, to date.

Joseph Edgar Craig.—Born in New York. Appointed an *Acting Midshipman* at Naval Academy, Nov. 29, 1861; title changed to *Midshipman*, July 16, 1862; graduated, 1865; "Monongahela," West India Squadron, November, 1865, to July, 1868. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868; "Portsmouth," S. A. Fleet, January, 1869, to October, 1871. Promoted to *Lieutenant*, March 26, 1869; Naval Academy, December, 1871, to June, 1874 ("Constellation," summer practice cruise, June to September, 1873); Naval Observatory, special duty, June to October, 1874; "Narraganset," special duty as Astronomer, North Pacific Survey, November, 1874, to August, 1875; Hydrographic Office, special duty in connection with "Narraganset's" Survey, August, 1875, to October, 1877; "Alaska," Pacific Station, April, 1878, to April, 1881. Promoted to *Lieutenant-Commander*, March 13, 1880; Naval Academy, June, 1881, to September, 1885 (commanding "Mayflower," summer practice cruise, 1882); "Vandalia," Pacific Station, February, 1886, to April, 1887; commanding "Palos," Asiatic Station, June, 1887, to March, 1890. Promoted to *Commander*, January 3, 1890; Naval Academy, June, 1890, to date.

Charles Mitchell Thomas.—Entered Naval Academy, Nov. 28, 1861; graduated, September 26, 1865; served in "Shenandoah," on the Asiatic Station from October 17, 1865, to May 3, 1869. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; League Island, June 1, 1869, to September 4, 1869; "Supply," European Station, November 2, 1869, to July 26, 1870; "Guerriere," European Station, August 10, 1870, to September 13, 1871; receiving-ship "Potomac," Philadelphia, March 18, 1872, to October, 22, 1872; monitor "Terror," Key West, Florida, October 26, 1872, to June 18, 1873; Torpedo Station, Newport, Rhode Island, September 1, 1873, to April 20, 1874; monitor "Dictator," Key West, Florida, June 22, 1874, to April 22, 1875; Navy Yard, Philadelphia, June 17, 1875, to November 15, 1875; Centennial Exposition, November 17, 1875, to March 23, 1877; receiving-ship "St. Louis," March 24, 1877, to January 9, 1878; "Constitution," Paris Exposition, 1878, and training-ship, 1879–80. Promoted to *Lieutenant-Commander*, April, 1880; Naval Academy, September, 1880, to June, 1884; "Hartford," flag-ship, Pacific Station, June, 1884, to January, 1887; commanding C. S. steamer "Patterson," April, 1887, to April, 1889; Hydrographic Inspector, Coast Survey, July 1, 1889, to March, 1891. Promoted to *Commander*, February, 1890; Bureau of Navigation, March, 1891, to July, 1893. Commanding "Bennington," July, 1893, to date.

Albert Sidney Snow.—Born in Maine. Appointed an *Acting Midshipman*, at Naval Academy, Nov. 30, 1861, graduated, 1865; "Chattanooga"

(first-rate), March, 1866, to August, 1866; "Pensacola" (second-rate), North Pacific Squadron, September, 1866 to April, 1868; "Resaca," North Pacific Squadron, April 1868, to August, 1869. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Promoted to *Lieutenant*, March 26, 1869; "Alaska" (second-rate), Asiatic Squadron, December, 1869, to March, 1873, taking part in the expedition to Corea, and attack on Corean forts; Torpedo Station, 1873; "Congress" (second-rate), European Station, March, 1874, to July, 1876; receiving-ship "Wabash," and Navy Yard, Boston, 1877 to 1879; training-ship "Portsmouth," January, 1878, to December, 1878. Promoted to *Lieutenant-Commander*, July 11, 1880; Navy Yard, Boston, May, 1882 to May, 1883; U. S. C. and G. Survey, from July, 1883, to April 30, 1887. Commanding steamers "Gedney," "Hassler" and "Patterson," the two latter in the Pacific; surveying on the coast of Oregon, Washington and Alaska. Member Board of Inspection and Survey, from December, 1887 to April, 1890. Commanding "Essex," April, 1890, to July, 1892; waiting orders, July, 1892 to May, 1893; Naval Academy, May, 1893, to date. Promoted to *Commander*, February 28, 1890.

George Cook Reiter.—Born in Pennsylvania. Appointed as *Acting Midshipman* at Naval Academy, Sept. 20, 1861; graduated, 1865; school-ship "Sabine," 1865–6; "Lackawanna" (second-rate), N. P. Squadron, 1866–68. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; "Plymouth" (third-rate), European Fleet, 1869–72; "Narraganset" (third-rate), surveying service in the Pacific, 1872–5; "Lehigh" (iron-clad), N. A. Station, 1875–6; equipment duty, Norfolk, Va., 1876–7; "Tuscarora," Pacific Station, 1877–8; Light-House Inspector, 1879–83. Promoted to *Lieutenant-Commander*, November, 1880; "Nipsic," S. A. Station, 1883–86; Navy Yard, Norfolk, 1886–9; commanding "Ranger," North Pacific Station, 1889–90. Promoted *Commander* July 31, 1890; commanding "Thetis," May, 1891, to July, 1893; Light-House Inspector, July, 1893, to date.

Willard Herbert Brownson.—Born in New York. Appointed *Acting Midshipman* at Naval Academy, Nov. 29, 1861; graduated, 1865; "Rhode Island" (second-rate), West India Station, 1865–7. Promoted to *Ensign*, December 1, 1866; "Susquehanna" (second-rate), N. A. Station, 1867–8. Promoted to *Master*, March 12, 1868; "Dacotah" (third-rate), Pacific Fleet, 1869–70. Commissioned as *Lieutenant*, March 26, 1869; "Mohican" (third-rate), Pacific Fleet, 1870–1; "St. Mary's," Pacific Fleet, 1870–1; "Ossipee," 1871; torpedo service, 1872; Naval Academy, 1872–5; "Kearsarge" (third-rate), Asiatic Station, 1875–6; "Tennessee" (second-rate), Asiatic Station, 1876–8; Naval Academy, 1878–81. Promoted to *Lieutenant-Commander*, December, 1880; commanding C. S. S. "Gedney," 1881; commanding C. S. S. "Blake," 1881–4; "Powhatan," N. A. Station, 1884–5; Hydrographic Inspector, Coast Survey, 1885–9; commanding "Petrel," N. A. Station, 1889 to October, 1891. Promoted *Commander* May, 1891; General Inspector Cruiser No 10, October, 1891, to March, 1892, and July, 1893; commanding "Detroit," July, 1893, to date.

Henry Ezra Nichols.—Born in New York. Appointed an *Acting Midshipman* at Naval Academy, Oct. 1, 1861; graduated, 1865; "Swatara" (third-rate), West India and European Squadrons, 1865–9. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, December 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; "Frolic" (fourth-rate), Port-Admiral flag-ship, New York harbor, 1869–70; ordnance duty, Pittsburgh, 1870–1; S. A. Station, 1872–3; torpedo duty, 1874; Coast Survey, 1875; "Supply" (fourth-rate), special service, 1876; Coast Survey, 1876–7;

"Despatch" (fourth-rate), special service, Europe, 1877–8; Coast Survey, 1878–80; commanding C. S. S. "Hassler," 1880–4. Promoted to *Lieutenant-Commander*, January, 1881; commanding "Pinta" (Alaska), 1884–6; inspector of new steel cruiser, 1886–7; Coast Survey, 1887, to July, 1891. Promoted *Commander* June, 1891; member of Board of Inspection, July, 1891; recruiting duty, 1891; service on "Ranger," 1892; Light-House Inspector, December, 1892, to date.

William Whitman Mead.—Born in Kentucky. Appointed as *Acting Midshipman* at Naval Academy, Dec. 30, 1861; graduated, 1865; "Lackawanna" (second-rate), N. P. Squadron, 1866–9. Promoted to *Ensign*, Dec. 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; Signal Office, Washington, 1870; "Colorado" (first-rate), flag-ship, Asiatic Fleet, 1870–3; "Michigan" (fourth-rate), 1873–4; "Shawmut" (third-rate), N. A. Station, 1875–6; Hydrographic Office, 1877–9; "Shenandoah," S. A. Station, 1879–82. Promoted to *Lieutenant-Commander*, March, 1881; Hydrographic Office, 1882–3; Tennessee," N. A. Station, 1883–5; Light-House Inspector, 1886, to May, 1890; R. S. "Independence, May, 1890, to October, 1891. Promoted *Commander*, August 2, 1891; commanding "Essex," May, 1892, to May, 1893; Light-House Inspector, May, 1893, to date.

Edwin Samuel Houston.—Born in Pennsylvania. Appointed as *Acting Midshipman* at Naval Academy, April 18, 1862; graduated, 1865, "Lackawanna" (second-rate), Pacific Fleet, 1866–9. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 29, 1869; "Severn" (second-rate), flag-ship North Atlantic Fleet, 1869–71; "Lancaster" (second-rate), South Atlantic Station, 1872-4; Naval Rendezvous, San Francisco, 1875–6; nautical school-ship "Jamestown," 1876–7; "Hartford," South Atlantic Station, 1877–79; Navy Yard, Washington, 1879–81. Promoted to *Lieutenant-Commander*, March, 1881; "Richmond," Asiatic Station, 1881–4; Navy Yard, Norfolk, 1885–6; "Trenton," special service, 1886–7; "Lancaster," South Atlantic Station, 1887–9; R. S. "Minnesota," 1889, to October, 1891. Promoted *Commander*, September 27, 1891; Navy Yard, Washington, October, 1891 to March, 1892; commanding "Dale," March, 1892, to date.

Edwin Longnecker.—Born in Pennsylvania. Appointed as *Acting Midshipman* at Naval Academy, September 24, 1861; graduated, 1865; "Shenandoah" (second-rate), East India Station, 1866–9. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; receiving-ship, Philadelphia, 1869; "Swatara" (third-rate), North Atlantic Fleet, 1870–71; "Colorado" (first-rate), North Atlantic Station, 1872–3; "Alaska" (third-rate), European Station, 1874–6; "Wyoming" (third-rate), Paris Exposition Service, 1878; Naval Observatory, 1878–82. Promoted to *Lieutenant-Commander*, August, 1881; "Michigan" (on the lakes), 1882–3; "Shenandoah," Pacific Station, 1883–6; training-ship "Richmond," August, 1888, to October, 1891, to November, 1892. Promoted to *Commander*, October 2, 1891; commanding "Ranger," November, 1892, to date.

George Elmore Ide.—Born in Ohio. Appointed as *Acting Midshipman*, at Naval Academy, September 27, 1861; graduated, 1865; Pacific Fleet, 1866–8. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; "Plymouth" European Squadron, 1869–72; "Juniata," N. A. Squadron, 1873; leave, 1875; training-ship "Portsmouth," 1875; R. S. "Independence," 1876–7; Naval Observatory, 1877–8; "Vandalia," N. A. Station, 1878–9;

"Alliance," N. A. Station, 1879–80. Promoted to *Lieutenant-Commander*, October, 1881; Navy Yard, New York, 1881; R. S. "Independence," 1882–3; "Adams," Pacific Station, 1883–4; "Alliance," S. A. Station, 1886–8. Promoted *Commander*, November 5, 1891; Navy Yard, Washington, December, 1891, to March, 1892; Member Board of Inspection of Merchant Vessels, September, 1892, to date.

George Milton Book.—Born in Pennsylvania. Appointed as *Acting Midshipman* at Naval Academy, Nov. 22, 1861; graduated, 1865; W. I. Squadron, 1865–7. Promoted to *Ensign*, December 1, 1866; apprenticeship "Portsmouth," 1867–9. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 29, 1869; sick-leave, 1870–1; retired, 1871; restored to active list, 1875; Navy Yard, Norfolk, 1876; "Adams" (third-rate), S. A. Station, 1876–8; commanding "Montauk," N. A. Station, 1879–81. Promoted to *Lieutenant-Commander*, May, 1881; "Enterprise," N. A. Station, 1882–4; Asiatic Station, 1884–6; R. S. "Vermont," 1885–8; Navy Yard, New York, December, 1889, to August, 1891; waiting orders, August, 1891, to May, 1892. Promoted to *Commander* December 16, 1891; Navy Yard, New York, May, 1892, to April, 1893; commanding "Alert" April, 1893, to October, 1893. At present waiting orders.

Thomas Perry.—Born in New York. Appointed an *Acting Midshipman* at Naval Academy, September 21, 1861; graduated, 1865; school-ship "Sabine," 1866. Promoted to *Ensign*, December 1, 1866; "Pensacola," North Pacific Fleet, 1867; "Suwanee" (third-rate), Pacific Fleet, 1868; "Dictator" (iron-clad), N. A. Station, 1869; "Miantonomah" (second-rate), special service, 1870. Commissioned as *Lieutenant*, March 26, 1869; "Shenandoah," European Fleet, 1871–2; "Manhattan," North Atlantic Fleet, 1873–4; "Omaha," South Pacific, 1875–7; Naval Observatory, 1878–9; "Swatara," Asiatic Station, 1879–81; "Alert," Asiatic Station, 1881–2. Promoted to *Lieutenant-Commander*, November, 1881; Light-House Inspector, 1883–6; "Brooklyn," Asiatic Station, 1887–9; light-house duty, 1890 to December, 1892. Promoted *Commander*, January 10, 1892; General Inspector of the "Castine," February, 1893, to date.

Charles Herbert Stockton.—Entered the Naval Academy in Nov., 1861, graduating in 1865; served in the "Dacotah," "Chattanooga," and "Mohican," going to the North Pacific by the way of the Strait of Magellan, in the "Mohican," served in the Pacific from 1866–9; was stationed, 1869–70, at Navy Yard, Philadelphia; was ordered to the "Congress" in 1870; made a varied cruise in the West Indies, Greenland, and in the Mediterranean, in the "Congress;" returning from the Mediterranean in 1874, in the "Brooklyn," was again stationed at the Navy Yard, Philadelphia; left the Navy Yard in 1875, and joined the U. S. S. "Swatara," making the cruise around the world in that ship; on the Transit of Venus Expedition; returning, was stationed at the Hydrographic Office, Washington, and from there, in 1876, to U. S. S. "Plymouth;" detached from U. S. S. "Plymouth," North Atlantic Station, May 17, 1879; ordered to Navy Yard, New York, July 1, 1879; at torpedo station, Newport, R. I., May 31, 1880; ordered to Navy Yard, Washington, D. C., October 1, 1880. Promoted to grade of *Lieutenant-Commander*, November 15, 1881; ordered to U. S. S. "Iroquois" as Executive-Officer, March, 1882; serving upon Pacific Station, and landing with battalion at Panama, during riots in 1885; detached from "Iroquois" and returned home, May, 1885; ordered to duty in Bureau of Yards and Docks, September 1, 1885; ordered as member of Board to report upon the drills and

exercises of the naval service, June 16, 1886; ordered as member of Board to examine and revise signal and tactical books of the naval service, January 13, 1887; lecturer at Naval War College, Newport, R. I., in 1887 and 1888; member of Board of Examiners at Torpedo Station, July 27, 1888; appointed as member of the Commission to select a suitable site for a Navy Yard upon the Pacific Coast north of 42°, north latitude, on the 30th of November, 1888; commanded U. S. S. "Thetis," April 11, 1889, to May, 1891, making a cruise in Behring Sea and Arctic Ocean with the whaling fleet, as far east as Herschel Island, Mackenzie Bay, in British America, and to the westward as far as Herald Island, and Wrangell Land, being the first ship to follow the entire main coast-line of Alaska, from Port Tongass, in Southeastern Alaska, to Demarcation Point in the Arctic Ocean; special duty War College, May, 1891, to date. Promoted *Commander*, April 2, 1892.

Louis Kingsley.—Born in New York. Appointed an *Acting Midshipman* at Naval Academy, September 28, 1861; graduated, 1865; school-ship "Sabine," 1865–6. Promoted to *Ensign*, December 1, 1866; "Lackawanna" (second-rate), Pacific Fleet, 1867–8. Promoted to *Master*, March 12, 1868; Hydrographic Office, 1869–70. Commissioned as *Lieutenant*, March 26, 1869; Brooklyn (second-rate), European Fleet, 1870–2; Hydrographic Office, 1873; Colorado (first-rate), N. A. Station, 1874; Torpedo Station, 1875; "Ossipee" (third-rate), N. A. Station, 1875–8; Naval Station, New London, 1878–81; "Lackawanna," Pacific Station, 1881–4. Promoted to *Lieutenant-Commander*, November, 1881; ordnance duty, Navy Yard, Washington, D. C., 1884–5; Torpedo Station, 1885–6; R. S. "New Hampshire," 1886–8; "Richmond," S. A. Station, 1888–90; Navy Yard, Boston, January, 1891, to date. Promoted *Commander*, May 5, 1892.

John J. Brice.—Entered the navy as a volunteer officer in 1861; joined the U. S steamer "Freeborn," August, 1861, Potomac Flotilla; was in the engagement with Cock-pit Point Batteries, Shipping Point Batteries, and Potomac Creek Batteries; in the attack upon Aquia Creek fortifications; cutting-out expedition in the Rappahannock River and engagements with field battery and infantry near Gloucester Court-House, Va., for which promoted; landed inside the rebel lines with boats and men and captured a rebel colonel of cavalry and carried him on board; cutting-out expedition in Mattox Creek, Va., for which recommended for gallantry and promoted to *Acting Master;* at Aiken's landing, Va., when the rebel rams attempted to pass down; attack upon Jones' Bluff, Rappahannock River, and at the capture of Fredericksburg, Va.; commanding U. S. steamer "Don" at the end of the war. Commissioned an *Ensign* in the regular service, March, 1868; "Quinnebaug," South Atlantic Station, 1868–9. Commissioned as *Lieutenant*, March 21, 1870; Hydrographic Office, 1870; "Saco" (fourth-rate), and frigate "Franklin," European Station, 1870–2; torpedo service, 1873; "Richmond" and "Saranac" (second-rate), wrecked on latter vessel June 18, 1875, North Pacific Fleet, 1873–5; Naval Observatory, 1876; Navy Yard, Mare Island, 1877–8; "Lackawanna," Pacific Station, 1878–81. Promoted to *Lieutenant Commander*, April 15, 1882; Mare Island Navy Yard, 1882–5; "Iroquois," Pacific Station, 1885–8; Navy Yard, Washington, 1888–9; Fish Commission, 1889 to December, 1892. Promoted *Commander*, May 28, 1892; Light-House Inspector, December, 1892, to date.

Oscar W. Farenholt.—Entered the navy as seaman, April 18, 1861; drafted to frigate "Wabash," and participated in the engagements of Fort Hatteras, North Carolina; Port Royal, South Carolina; Fort Pulaski, Georgia, and in all the boat expeditions sent from the "Wabash" in the years of 1861–2 into South Carolina, Georgia, and Florida; was severely wounded

on October 22, 1862, at the battle of Pocotalico, South Carolina, where the four howitzers of the "Wabash" covered the retreat of the Federal army; sent to the Naval Hospital, New York, and discharged from the service; entered the navy again in February, 1863; especially detailed for the monitor "Catskill;" participated in all the engagements before Charleston, South Carolina, in 1863 and spring of 1864; was at the side of Commander George W. Rodgers when he and Assistant Paymaster J. G. Woodbury were killed in the pilot-house of the "Catskill," August 17, 1863; was one of the storming party of Fort Sumter, in September, 1863. Promoted to *Acting Ensign*, August, 1864; ordered to command ordnance schooner "Henry James," attached to the squadron in the sounds of North Carolina; participated in the re-occupation of Plymouth, North Carolina, several engagements on the Chowan and Black Water Rivers, and capture of Fort Fisher, North Carolina; at the end of the war was ordered to monitor "Shawnee" and duty at Boston Navy Yard; in 1866, served in store-ship "Purveyor" and steam-frigate "Susquehanna;" in 1867, served in receiving-ships "New Hampshire" and "Ohio;" examined for the regular navy, January 14, 1867; October, 1867, ordered to store-ship "Idaho;" served in her and the "Ashuelot," in the Asiatic Squadron, till November, 1870. Commissioned as *Ensign*, March 12, 1868. Promoted to *Master*, December 18, 1868. Commissioned as *Lieutenant*, March 21, 1870; May, 1871, ordered to Norfolk Navy Yard; November, 1871, to the command of the steamer "Standish;" June, 1873, to the steamer "Shenandoah;" June, 1874, to the command of the receiving-ship "Relief," at Washington Navy Yard; June, 1875, ordered to the flag-ship "Minnesota;" June, 1876, to the practice-ship "Supply;" October, 1876, to the Navy Yard, Norfolk; 1877–9, in charge of the Naval Nitre Depot at Malden, Massachusetts; December, 1879, attached to the "Swatara" ordered to the Asiatic Squadron; May, 1880, ordered as Executive-Officer of the "Monocacy;" May 11, 1882, promoted to *Lieutenant-Commander;* September, 1882, ordered as Executive-Officer of the receiving-ship "Wabash;" March, 1885, ordered as Executive-Officer of the training-ship "Portsmouth;" October, 1885, ordered as Executive-Officer of the "Swatara;" October, 1886, ordered as Executive Officer of the "Wabash;" September, 1889, to the command of the "Pinta" in Alaskan waters; September, 1891, detached and ordered to equipment duty at Boston Navy Yard; June 19, 1892, promoted to *Commander* and ordered as Inspector of the Thirteenth Light-House District, Portland, Oregon, which is his present duty.

William B. Newman.—Born in Fishkill, N. Y., November 9, 1834. Entered the navy as *Acting Master's Mate*, October 19, 1861, and ordered to the "Brandywine," North Atlantic Squadron. Promoted to *Acting Master*, February 3, 1862; transferred to the "Southfield," Sounds of North Carolina, June, 1863; captured at the taking of Plymouth, N. C., April, 1864, the "Southfield" being sunk in action by the rebel ram "Albemarle;" prisoner of war until October, 1864; served on the Asiatic Station in the "Wachusett," from November, 1864, to February, 1868; on duty, New York Navy Yard, 1868. Commissioned an *Ensign* in the Navy, March 12, 1868. Promoted to *Master*, December 18, 1868; served on the North Atlantic Station, 1869, in the "Galena," "New Hampshire" and "Vermont." Promoted to *Lieutenant*, March 21, 1870; commanding steamer "Pilgrim," North Atlantic Fleet, 1870–1; served on the Brazil Station as Executive of the "Wasp," 1872–4; on the North Atlantic Station in the "Roanoke" and training-ship "Minnesota," 1874–7; special service in "Constellation," 1878, and "New Hampshire," 1879–80; as Executive in

"Yantic," N. A. Station, 1880–1; "Lancaster," European Station, 1881–3. Promoted to *Lieutenant-Commander*, 1882; "Ossipee," Asiatic Station, 1884–7; Navy Yard, New York, 1887–90; receiving-ship "St. Louis," 1891–92. Promoted to *Commander*, 1892; Inspector Seventh Light-House District, 1892–3.

A. J. Iverson.—Born in Norway. Entered the navy as a volunteer officer, March 19, 1863; transferred to the regular service in 1868; "Wasp" (fourth-rate), S. A. Fleet, 1868–70; Navy Yard, Boston, 1871–2; torpedo service, 1872; "Saugus" (iron-clad), N. A. Station, 1873; Boston, 1875; training-ship "Minnesota," 1875–7; "Powhatan," N. A. Station, 1877–8; Navy Yard, Boston, 1878–82. Promoted to *Lieutenant-Commander*, June, 1882; "Ashuelot," Asiatic Station, 1882–3; "Monocacy," Asiatic Station, 1883–5; Naval Asylum, Philadelphia, 1885–6; Navy Yard, Boston, 1886–9; commanding "Fortune," special service, 1889, to December, 1892. Promoted to *Commander*, Dec. 4, 1892; Light-House Inspector, Dec., 1892, to date.

Edward T. Strong.—Native of Massachusetts. Entered the service, November 24, 1862, as a volunteer officer; transferred to the regular service, and commissioned as *Ensign*, March 12, 1868; apprentice-ship "Portsmouth;" R. S. "New Hampshire." Commissioned as *Master*, December 18, 1868; "Seminole" (third-rate), N. A. Station, 1869–70. Promoted to *Lieutenant*, March 21, 1870; R. S. "Ohio," 1870; "California" (second-rate), flag-ship, Pacific Fleet, 1870–3; monitor "Terror," at Philadelphia, 1873; "Shenandoah" (second-rate), N. A. Fleet, 1874; R. S. "Ohio" and "Wabash," 1874–5; "Vandalia," European Station, 1876–9; Navy Yard, Boston, 1879–82; Torpedo Station, 1882. Promoted to *Lieutenant-Commander*, July 2, 1882; "Minnesota" (apprentice-ship), 1882–3; "Swatara" (third-rate), N. A. Station, 1883–5; Navy Yard, Boston, 1886–9; nautical school-ship "Saratoga," Philadelphia, 1889, to June, 1892; leave of absence, June, 1892, to February, 1893. Promoted to *Commander*, January 9, 1893; commanding school-ship "Saratoga," February, 1893, to date.

Robert E. Impey.—Born in Ohio. Appointed an *Acting Midshipman* at Naval Academy, September 21, 1861; graduated in 1865; "Ticonderoga" (second-rate), European Station, 1865–6. Promoted to *Ensign*, December 1, 1866; "Miantonomah" (iron-clad), 1867; "Powhatan," flag-ship, South Pacific Squadron, 1867–9. Promoted to *Master*, March 12, 1868 Commissioned as *Lieutenant*, March 26, 1869; Kansas T. and N. Surveying Expedition, 1871; Atlantic Station, 1872–3; R. S. "Independence," 1874; "Pensacola," flag-ship, South Pacific Squadron, 1875–7; Navy Yard, N. Y., 1879–81; "Quinnebaug," European Station, 1881–4. Promoted to *Lieutenant-Commander*, Oct., 1881; "Tennessee," N. A. Station, 1884–5; ordnance duty, Navy Yard, Washington, 1885–6; "Tallapoosa," S. A. Station, 1888 to July, 1891; leave of absence, July, 1891 to October, 1893. Promoted to *Commander*, January 21, 1893; commanding "Monocacy," October, 1893, to date.

Zera L. Tanner.—Born in Warsaw, Wyoming County, New York. Entered the Navy as *Acting Ensign*, August 18, 1862; attached to the U. S. S. "Midnight," South Atlantic Blockading Squadron, 1862–4. Promoted to *Acting Master* on September 29, 1864; U. S. S. "Rhode Island," special service, North Atlantic Blockading Squadron, 1864–5; U. S. receiving-ship "Vermont," Navy Yard, New York, 1865–6; U. S. S. "Augusta," convoying monitor "Miantonomah" to Russia and the Mediterranean, 1866–7; U. S. S. "Guard," 1867; U. S. S. "Onward," Asiatic Squadron, 1867–8. Transferred to regular service, and commissioned *Ensign*, March 12, 1868. Promoted to *Master*, December 18, 1868; U. S. S. "Maumee," Asiatic Squadron, 1868–9; U. S. S. "Idaho," Asiatic Squadron, 1869–70. Promoted to *Lieu-*

tenant, March 21, 1870; U. S. receiving-ship "Vermont," Navy Yard, New York, 1870–1; U. S. S. "Narraganset," Pacific Squadron, surveying expedition, 1871–3; recruiting duty, Buffalo, New York, 1873; Navy Yard, Philadelphia, 1874; leave of absence; commanding Pacific Mail steamer "Colon," 1874–5; commanding Pacific Mail S. S. "City of Pekin," 1876–8; Hydrographic Office, Washington, D. C., 1878–9; commanding U. S. S. "Speed-well," 1879; special duty, commanding U. S. Fish Commision steamer "Fish-hawk," 1880–2; special duty, commanding U. S Fish Commission steamer "Albatross," 1882 to date. Promoted to *Lieutenant-Commander*, February 22, 1883. Promoted to *Commander*, February 7, 1893.

Samuel Belden.—Appointed *Acting Ensign*, September 8, 1862, and served during the war on U. S. steamers "Wachusett," "Vanderbilt," "Banshee," "Daylight," and "Pink." Promoted to *Acting Master* in February, 1864, and to *Acting Volunteer Lieutenant*, in May, 1865; honorably discharged in March, 1866. Reappointed *Acting Master* in April, 1867, and went in command of store-ship "Relief," carrying a cargo of provisions to Mobile for relief of people suffering for lack of food; upon return of "Relief" to New York, in July, 1867, detached and ordered to South Pacific, serving on that station on "Wateree," until her loss by earthquake, and after on "Nyack" until November, 1871. Commissioned *Ensign*, in March, 1868; *Master*, in December, 1868; *Lieutenant*, in March, 1870; on duty in Hydrographic Office, 1871–3, and again, 1879–82, served in North Atlantic Fleet on "Pawnee" and "Nipsic," 1873; special duty U. S. steamer "Fortune," 1873–5; "Gettysburg," 1875–6; and "Guard," 1877–8; Naval Station, New London, from August, 1876, to August, 1877, and again, 1886–9; Torpedo Station, June 1 to September 1, 1879. U. S. steamer "Juniata," Asiatic Station, 1882–5. Commissioned *Lieutenant Commander*, July, 1883; U. S. steamer "Franklin," July, 1889, to August 1891; commanding "Yantic," S. A. Station, August, 1891, to May, 1893. Commissioned as *Commander*, Feb., 1893; commandant Naval Station, New London, Conn., July, 1893.

E. W. Watson.—Born in Massachusetts. Appointed a *Master's Mate* on board the "Lancaster," May 2, 1859; served in that vessel until October, 1861; "Rhode Island," 1862–3. Promoted to *Acting Ensign*, September 18, 1863; "Circassian" and "Flag," 1863–5; "Frolic," European Station, 1865–7; store-ship "Guard," 1867–8. Commissioned as *Ensign* in regular service, March 12, 1868; League Island, October, 1868, to April, 1869. Promoted to *Master*, December 18, 1868; "Seminole," 1869–70. Promoted to *Lieutenant*, March 21, 1870; "Seminole" (third-rate), N. A. Squadron, 1869–70; ordnance duty, Norfolk, 1871; "Canonicus" and "Saugus" (iron-clads), N. A. Fleet, 1872; Norfolk Navy Yard, 1873–5; "Ossipee" (third-rate), N. A. Fleet, 1875; Navy Yard, Norfolk, 1877–80; R. S. "Franklin," 1880–2; "Brooklyn" S. A. Station, 1882–4. Promoted to *Lieutenant-Commander*, November, 1883; Navy Yard, Norfolk, 1884–6; Torpedo Station, ordnance instruction, 1886–7; "Swatara," S. A. Station, 1888, to November, 1891; training-ship "Richmond," November, 1891, to April, 1893. Promoted *Commander*, April 27, 1893; Inspector of Ordnance, Navy Yard, Portsmouth, April, 1893, to date.

John F. Merry.—Born in Maine. Entered the navy as a volunteer officer, October 15, 1862; served during the Rebellion; in 1868 was appointed an *Ensign* in regular service. Commissioned as *Lieutenant*, March 21, 1870; Asiatic Fleet, 1868–72; Naval Rendezvous, Boston, 1873–4; commanding R. S. "Relief," 1875–7; "Gettysburg" (fourth-rate), special service in the Mediterranean, 1877–9; examining naval timber lands in Florida, 1879–81;

Torpedo Instruction, 1881; "Tallapoosa," special service 1881–4. Promoted to *Lieutenant-Commander*, December, 1883; "Marion," Asiatic Station, 1884–7; "Michigan" (on the lakes), 1888–9; R. S. "Wabash," 1889, to November, 1892; commanding school-ship "Enterprise," November, 1892, to date. Promoted *Commander*, May 9, 1893.

John C. Morong.—Born in Maine. Appointed as an *Acting Ensign*, April 1, 1863, and ordered to the Mississippi Squadron. Served in command of the "Argosy," from May, 1863, until the close of the war; was in many engagements on the Mississippi; at siege at Vicksburg and in the Red River Expedition. Was promoted June 1, 1864, for "meritorious conduct," to *Acting Master*; stationed at Mound City, Ill., 1865–6; League Island, 1867–8; was appointed an *Ensign* in the regular navy, March 12, 1868. Promoted to *Master*, December 18, 1868; steamer "Tallapoosa," and flag-ship "Contocook," North Atlantic Station, 1869–70. Promoted to *Lieutenant* March 21st, 1870; Pacific Station, in flag-ship "California," and steamer "Saranac," 1871–3; Asiatic Station in steamer "Kearsarge," 1874–6; returned home from the Asiatic Station in the "Yantic," May 30, 1877; was ordered to command the U. S. Naval Rendezvous at San Francisco, Cal., August 28, 1877; "Adams," Pacific Station, 1879–82; R. S. "Wabash," 1882–4. Promoted to *Lieutenant-Commander*, June, 1884; training-ship "Portsmouth," 1884–5; R. S. "New Hampshire," 1886–9; R. S. "Independence," 1889, to May, 1890; U. S. S. "Iroquois," May, 1890, to May, 1892; member Board of Inspection, July, 1892, to February, 1893; commanding Puget Sound Naval Station, February, 1893, to date. Promoted *Commander*, June 27, 1893.

William C. Gibson.—Born in New York. Entered the service as a volunteer officer, December 15, 1862; served during and after the Rebellion; in 1868 was appointed an *Ensign* in regular service. Commissioned as *Lieutenant*, March 21, 1870; "Narraganset" (third-rate), West India Station, 1869; Navy Yard, New York, 1870; "Mohican" (third-rate), Pacific Fleet, 1871–2; "Roanoke" (iron clad), 1873–4; "Frolic" (fourth-rate), S. A. Station, 1875–7; Navy Yard, New York, 1877–80; "Yantic," N. A. Station, 1881–3. Promoted to *Lieutenant-Commander*, July, 1884; Navy Yard, Pensacola, 1884–8; store-ship "Monongahela," 1888, to November, 1890; special duty, New York, November, 1890, to June, 1891; Equipment Officer, Navy Yard, New York, June, 1891, to March, 1892; commanding "Fern," March, 1892, to November, 1893; Equipment Officer, Navy Yard, Portsmouth, November, 1893, to date. Promoted to *Commander*, July 4, 1893.

William Augustus Morgan.—Born at Newport, Monmouthshire, England, August 10, 1836. Commenced a seafaring career August 14, 1850, by being bound an apprentice for five years to a Maine ship-master and owner; continued in that employ in the European and general freighting business until 1856; from that time until the breaking out of the late war, sailed out of the ports of Portland, Maine, New York and Boston. June 2, 1863, entered the U. S. Navy as *Acting Ensign;* instructor in gunnery on board the frigate "Savannah," July 7, 1863; ordered to the gunboat "Tulip," of the Potomac Flotilla; in August transferred to the schooner "Hope," of the South Atlantic Blockading Squadron; from then, and until October, 1865, served on board the sloop-of-war "John Adams," ships-of-the-line "Vermont" and "New Hampshire," and temporarily on board the steamer "Pawnee" and several other vessels of the South Atlantic Blockading Squadron, and on expeditions on shore with the forces of that Squadron. Promoted to *Acting Master*, October 27, 1864; discharged, January 14, 1866. Reap-

pointed *Acting Master*, April 13, 1866; and on duty on board the receiving-ship "Vermont" until July, 1868. Transferred to the regular navy as *Ensign*, March 12, 1868, under the Act of Congress approved July 25, 1866; Pacific Squadron, from July, 1868, to July, 1869; on board the flag-ship "Powhatan," under orders to the ill-fated "Fredonia," steamer "Wateree" (after the earthquake of 1868, on the coast of Peru), steamer "Tuscarora," and store-ship "Onward." Promoted to *Master*, December 18, 1868; returning to the North Atlantic Station on board the "Powhatan;" Port Admiral's flag-ship "New Hampshire," at Norfolk, 1870. Promoted to *Lieutenant*, March 21, 1870; steamer "Shawmut," North Atlantic Squadron, 1871–4; Navy Yard, Boston, 1875; monitor "Montauk," North Atlantic Squadron, 1875–7; Navy Yard, Boston, 1877–8; flag-ship "Shenandoah," South Atlantic Squadron, 1879; steamer "Wachusett," South Atlantic and Pacific Squadrons, 1880–1; instruction torpedo station, Newport, 1882; monitor "Miantonomah, special service, 1882–3; receiving-ship "Wabash," 1884–6. Promoted to *Lieutenant-Commander*, July 28, 1884; corvette "Ossipee," North Atlantic Squadron, and on sick leave, 1887–8; U. S. Nitre Depot, Malden, 1889, to April, 1892; Navy Yard, Pensacola, April, 1892, to date. Promoted to *Commander*, July 4, 1893.

Washburn Maynard.—Born in Tennessee. Entered Naval Academy in 1862; graduated, 1866; "Susquehanna," North Atlantic Squadron, 1866–67; "Franklin," flag-ship European Fleet, 1867–8; "Frolic," European Squadron, 1868–9. Promoted to *Ensign*, April, 1868; to *Master*, March 26, 1869; "Seminole," North Atlantic Station, 1869–70. Commissioned as *Lieutenant*, March 21, 1870; torpedo duty, 1870–2; "California," "Saranac," "Richmond," Pacific Fleet, 1872–4; special duty, seal fisheries, 1874–5; "Wyandotte" (iron-clad), North Atlantic Station, 1876; Coast Survey, 1876–7; commanding C. S steamer "Fathomer," 1877; torpedo station, 1877–9; "Tennessee," North Atlantic Station, 1879–82; torpedo station, 1882–5. Promoted to *Lieutenant-Commander*, September 27, 1884; "Brooklyn," North Atlantic and Asiatic Stations, 1885–7; Bureau of Ordnance, 1887, to June, 1891; commanding "Pinta," September, 1891, to January, 1893; Bureau of Equipment, January, 1893, to date. Promoted to *Commander*, September 27, 1893.

Henry Ware Lyon.—Born in Massachusetts. Entered Naval Academy, Oct. 7, 1862; graduated, 1866; "Sacramento," 1866–7—this vessel was lost off coast of India. Promoted to *Ensign*, April, 1868; ordnance duty, Boston, 1868; store-ship "Guard," Mediterranean Squadron, 1869. Promoted to *Master*, July 26, 1869; steam-sloop "Richmond," European Fleet, 1869. Commissioned as *Lieutenant*, March 21, 1870; "Wabash," 1872–3; frigate "Franklin," North Atlantic Fleet, 1873; special ordnance duty, 1874; "Tennessee," flag-ship, European Squadron, 1875–7; special ordnance duty, 1877–80; "Galena," European Station, 1880–3; ordnance duty, Navy Yard, Washington, 1883. Promoted to *Lieutenant-Commander*, November, 1884; South Boston Iron Works, 1884–6; "Trenton," Pacific Station, 1886–9: commanding "Nipsic," Pacific Station, 1889 to April, 1890—the "Nipsic's" passage from Samoa to Honolulu, where she was repaired, was with a jury rudder, deformed screw, all outside keel gone, and leaking; Torpedo Station, June, 1890, to May, 1893; commanding "Yantic," May, 1893, to December, 1893. Promoted to *Commander*, October 1, 1893.

James Duncan Graham.—Born in District of Columbia, May 9, 1841. Appointed from Illinois, September 25, 1857; Naval Academy, 1857–61; U. S. frigate "Roanoke," May, 1861, to October, 1861; engaged

in boat expeditions to cut out rebel schooners at Back River, Virginia, October, 1861, to January, 1862; Washington Navy Yard as Assistant Instructor Howitzer Battery for Volunteer Officers; January, 1862, U. S. S. , February, 1862; U. S. mortar flotilla; commanding U. S. mortar schooner, "Sidney C. Jones," in attacks on Forts Jackson and St. Philip; first attack on Vicksburg under Farragut. Commissioned *Lieutenant*, August 1, 1862; U. S. S. "Octorara," June, 1862, to October, 1862; U. S. S. "Jamestown," October, 1862, to February, 1865; U. S. S. "Santee," at Naval Academy, August, 1865, to December, 1865; U. S. S. "Dakota," December, 1865; detached on sick leave, January, 1866; U. S. S. "Augusta," special service on trip to Russ a with Assistant Secretary Fox, 1866–67. Commissioned *Lieutenant-Commander*, July 25, 1866; steam-sloop "Powhatan," flag-ship South Alantic Squadron, 1867–68; receiving-ship "Ohio," 1869; steam-sloop "Juniata," European Squadron, 1869–71; Naval Observatory, 1872; "Benicia" (third-rate), North Pacific Station, 1872–5. Received thanks in writing from Governor of Panama for service on shore with 100 men during revolution of Corrioso; commanding "Mahopac" (iron-clad), N. A. Station; commanding "Passaic" (iron-clad), 1876. Commissioned *Commander*, September 9, 1876; special duty, 1877; commanding receiving-ship "Passaic," 1878–82; was ordered to command "Alliance" when in search of "Jeannette;" orders revoked by a letter to the Secretary of the Navy from Admiral Porter for which no redress has ever been obtained; commanding "Alert," Pacific Station, 1887–89; Navy Yard, New York, April, 1889, to February, 1890; commanding monitors, Richmond, Va., February, 1890, to April, 1892.

COMMANDERS ON THE RETIRED LIST.

Retired on attaining the age of sixty-two.

Edward Hooker.—Born in Connecticut. Appointed from Rhode Island, July 19, 1861. Entered the service as *Acting Master;* attached to steamer "Louisiana," North Atlantic Squadron; severely wounded, October 5, 1861; the first Acting Master wounded in the war; Burnside Expedition to Sounds of North Carolina, 1862; while Executive-Officer of the "Louisiana," in the absence of the commanding officer, fought the ship at Washington, N. C., September 5, 1862. Promoted to *Acting Volunteer Lieutenant* from September 5, 1862, for "gallantry in action;" commanding steamer "Victoria," North Atlantic Blockading Squadron, 1862–3; commanding division of Potomac Flotilla upon Rappahannock River, 1863–5. Promoted to *Acting Volunteer Lieutenant-Commander*, January 20, 1865; Naval Store-keeper, Navy Yard, New York, 1865–7; commanding store-ship "Idaho" and steamer "Unadilla," Asiatic Squadron, 1867–9. Commissioned as *Lieutenant-Commander*, in regular naval service, December 18, 1868; Inspector Navy Yard, New York, 1870–3; senior Line-Officer, Naval Station, League Island, 1873-5; Assistant Light-House Inspector, Third District, 1875–7; Second Line-Officer, Naval Asylum, Philadelphia, 1877–84. Commissioned as *Commander*, February 9, 1884; Navy Yard, League Island, 1884; retired, December 25, 1884.

Charles A. Schetky.—Native of Pennsylvania. Entered the naval service, June, 1863, as *Acting Ensign;* served as Executive-Officer on board U. S. gunboat "New Era" (No. 7), Mississippi Squadron, until close of the war; was present at, and took part in, defence of Fort Pillow, Tenn., when that place was assaulted by rebel forces, commanded by General Forrest,

and after being taken, under cover of a flag of truce, the Union forces who fell into the hands of the assailants were brutally massacred; July, 1865, to December, 1865, on duty at Jefferson Reserve, receiving and storing ordnance and equipments from the Mississippi Squadron; March, 1866, to April, 1867, U. S. R. S. "Potomac," Pensacola, Fla; 1867, to September, 1868, U. S. S. "Mahaska," N. A. Station. March, 1868, commissioned as *Master* in regular navy. December, 1868, commissioned as *Lieutenant;* April, 1869, to February, 1870, U. S. monitor "Saugus," N. A. Station; May, 1870, to August, 1871, U. S. R. S. "Vermont;" September, 1871, to February, 1872, U. S. store-ship "Pawnee," Pensacola, Fla.; March to July, 1872, on survey for inter-oceanic canal, in Nicaragua; November, 1872, to July, 1873, Navigator of U. S. S. "Wyoming," on survey of east coast of Mexico; November, 1873, to November, 1874, U. S. R. S. "Vermont," New York; November, 1874, to August, 1875, Executive of U. S. S. "Tuscarora," North Pacific Station; August, 1875, to August, 1876, U. S. training ship "Portsmouth," as Executive; November, 1876, to July, 1877, U. S. R. S. "Independence;" July, 1877, to January, 1878, U. S. R. S. "Constitution," as Executive. December, 1877, promoted to *Lieutenant-Commander;* January, 1878, to November, 1885, Executive-Officer of U. S. R. S. "St. Louis," League Island, Pa.; November, 1885, to September, 1886, commanding U. S. R. S. "St. Louis;" leave of absence, October, 1886. September, 1887 promoted to *Commander*, and retired March, 1888.

Retired for incapacity resulting from long and faithful service, or wounds received in line of duty.

William M. Gamble.—Born in Pennsylvania. Appointed from New York, May 1, 1841; attached to the steamer "Missouri," Home Squadron, 1841–4; frigate "Savannah," Pacific Squadron, 1844–6; Naval School, 1847–8. Promoted to *Passed Midshipman*, August 10, 1847; frigate "St. Lawrence," Mediterranean Squadron, 1849–50; Observatory, Washington, 1851; frigate "St. Lawrence," Pacific Squadron, 1851–3; sloop "Portsmouth," Pacific Squadron, 1853–5. Commissioned as *Lieutenant*, September 15, 1855; Coast Survey, 1856–8; sloop "Saratoga," Home Squadron, 1858–60; steam-sloop "Powhatan," South Atlantic Squadron, 1861–2. Commissioned as *Lieutenant-Commander*, July 16, 1862; commanding steamer "Pocahontas," West Gulf Squadron, 1863; South Atlantic Blockading Squadron, 1864. Commissioned as *Commander*, March 3, 1865.

Thomas L. Swann.—Born in Maryland. Appointed from Maryland, December 8, 1856; graduated, June, 1860, and ordered to steam-frigate "Niagara," engaged on special service, conveying home Japanese Embassy, 1860; returned home, April, 1861, and was ordered immediately to blockade Charleston, and from thence as flag ship of Gulf Squadron; active blockade duty on Gulf, 1861–2; present at the engagements between Forts McCrea, Barancas, Pensacola Navy Yard and Fort Pickens, assisted by "Niagara" and "Richmond" in 1861; was in boat expedition, June, 1861, which cut out steamer "Ariel" from under the guns of Fort Morgan. Promoted to *Master*, August, 1861; returned home in "Niagara," in June, 1862; attached to Naval Academy, Newport, from June 14, 1862, to November, 1863. Commissioned as *Lieutenant*, July 16, 1862; attached to steam-sloop "Brooklyn," Western Gulf Blockading Squadron, 1864; was present at the battle of Mobile Bay, August 5, 1864, and bombardment of Fort Morgan, August 22, 1864; the "Brooklyn" was riddled in the action of the 8th of August, and returned North for repairs, September, 1864; joined the follow-

ing month Admiral Porter's fleet in Hampton Roads; Executive of "Brooklyn," during both attacks on Fort Fisher; detached from "Brooklyn," February, 1865, and ordered to Naval Academy, Newport, Rhode Island, and after making practice cruise with midshipmen, was ordered as Executive-Officer of steamer "Algonquin;" detached from "Algonquin," March, 1866, and ordered to Navy Yard, Boston. Commissioned as *Lieutenant-Commander*, May 2, 1866, and in July ordered as Executive Officer of steam-sloop "Mohican;" detached for duty on the North Pacific Squadron; detached from "Mohican," October, 1868, and ordered to duty at Naval Academy, as Head of Department of Ethics and English Studies, where he remained until 1871; "Wabash," flag-ship, European Fleet, 1871–3; special ordnance duty, 1873–4. Commissioned as *Commander*, January 6, 1874; sick leave, 1874–6. Retired, 1877.

George Mifflin Bache.—Born in District of Columbia, Nov. 12, 1840. Appointed from Pennsylvania, November 19, 1857; Naval Academy, 1857–61; attached to sloop "Jamestown," Atlantic Squadron, 1861; steam-sloop "Powhatan," Blockading Squadron, 1862; afterwards "New Ironsides." Commissioned as *Lieutenant*, July 16, 1862; commanding iron-clad "Cincinnati," Mississippi Squadron, 1862–3; attack on Haines' Bluff, December 27, 1862; then a successful engagement at Arkansas Post; engagement with batteries and sharpshooters, March, 1863; engagement with Vicksburg batteries, May 27, 1863, at which time the "Cincinnati," was sunk. Lieutenant Bache received the commendation of his commanding-officer, Rear-Admiral Porter, for his meritorious conduct in this affair; and General Sherman, who was an eye-witness of the engagement, testified that "the style in which the 'Cincinnati' engaged the battery elicited universal praise." Lieutenant Bache also received a letter of thanks from the Navy Department; commanding steam-gunboat "Lexington," Mississippi Squadron, 1863–4; engagement with batteries and sharpshooters at Blair's Landing, on Red River, April 12, 1864, and at Point of Rocks, Louisiana, April 26, 1864; steam-sloop "Powhatan," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher, and in the naval assault on the works; wounded in the right shoulder in the assault on Fort Fisher; steam-sloop "Sacramento," special cruise, 1865–7; after he recovered, put in command of flag-ship on the James River. Commissioned as *Lieutenant-Commander*, July 25, 1866; Navy Yard, Philadelphia, 1868; steam-sloop "Juniata," European Squadron, 1869–72; ordnance duty, Navy Yard, Washington, 1873–5; retired, 1875. After the engagement at Vicksburg, in command of the "Lexington," and two other gunboats, he proceeded up the White River to co-operate with General Davidson in making a crossing; the river being too high for troops to cross gave opportunity to go further up the stream, where he captured a Confederate colonel and destroyed a pontoon bridge on the Little Red River (tributary to the White), over which the enemy were crossing, and captured a steamboat; later was ordered up the White River to take transports from Ball's Bluff to Little Rock, on the Arkansas. At Clarendon he discovered a Union steamer sunk, and immediately turned back the convoy; giving orders to his captains to "follow him," he advanced toward the enemy, defeated them, and captured one of their guns.

Smith Woodward Nichols.—Born in Massachusetts. Appointed from Massachusetts, Sept. 27, 1858; Naval Academy, 1858–61; attached to steam-frigate "Wabash," Atlantic Blockading Squadron, 1861. Commissioned as *Lieutenant*, July 16, 1862; school-ship "Macedonian," 1863; attached to

steam-sloop "Shenandoah," North Atlantic Blockading Squadron, 1863–5; bombardment of Fort Fisher, North Carolina, December, 1864; capture of Fort Fisher, January, 1865; in charge of a company, naval land assault on Fort Fisher; attached to "Passaic," from January to July, 1865, South Atlantic Blockading Squadron. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-sloop "Shenandoah," Asiatic Squadron, 1865–9; special duty, Boston, 1869; U. S. S. "Terror," 1870; Navy Yard, Boston, 1871–2; "Omaha" (second-rate), South Pacific Station, 1872–4; ordnance duty, Boston, 1876. Commissioned as *Commander*, April 26, 1876; Light-House Inspector, 1876–9. Retired April, 1882.

Edwin Tully Woodward.—Born in Vermont. Appointed Nov. 21, 1859; Naval Academy, 1859–61; steam-sloop "Mississippi," 1861; attached to garrison of Ship Island, November 4, 1861, to January 24, 1862; gunboat "Scioto," 1862; attack on and passage of Forts Jackson and St. Philip, Chalmette batteries, and capture of New Orleans; passage of the Mississippi River to Vicksburg; two attacks on Vicksburg, 1862, under Admiral Farragut,—passing the batteries both times; engagement with rebel ram "Arkansas," above Vicksburg, 1862; sloop "Cyane," Pacific Squadron, 1863–4. Commissioned as *Lieutenant*, February 22, 1864; steam-frigate "Minnesota," N. A. B. Squadron, 1864–5; two attacks on Fort Fisher (in landing party); steam-sloop "Kearsarge," European Station, 1865–6. Commissioned as *Lieutenant-Commander*, July 25, 1866; Naval Academy, 1866–7; steam-frigate "Guerriere," flag-ship S. A. Squadron, 1867–8; steamers "Quinnebaug" and "Kansas," 1869; ordnance duty, Navy Yard, New York, 1869–71; "Canonicus" (iron-clad), N. A. Station, 1871–2; R S. "Vermont," 1873; "Brooklyn" (second-rate), flag-ship S. A. Squadron, 1874–5; "Vandalia" (third-rate), N. A. Station, 1875–6; torpedo duty, 1877. Promoted *Commander*, February 2, 1878; Navy Yard, League Island, 1879–80; commanding "Yantic," North Atlantic Station, 1881–2; received thanks of State Department; commanding squadron of iron-clads, consisting of "Passaic," "Nantucket," and "Alarm," for instruction, 1884. Received the following letter:

"NAVY DEPARTMENT, *Washington, D. C.*, October, 8, 1884.

"SIR,—The Department has received your final report of the 4th inst., in relation to the cruise of the monitors 'Passaic,' 'Nantucket,' and ram 'Alarm,' under your command, together with the reports of the commanding officers of the two last-mentioned vessels. The Department desires to commend you for the manner in which you have carried out the spirit of the instructions to make the cruise one of practical instruction to both officers and men, and to state that you have commanded the squadron to its satisfaction. "Very Respectfully,

"EDWARD T. NICHOLS,
"*Acting Secretary of the Navy.*

"COMMANDER E. T. WOODWARD, U. S. N.,
"*Commanding U. S. Monitor 'Passaic,' Annapolis, Md.*

"Forwarded, October 9, 1884.

"F. M. RAMSEY, *Commanding Station.*"

Commanding U. S. S. "Swatara," 1885–6; temporary command U. S. S. "Terror," 1888; commanding U. S. S. "Adams," Pacific Station, 1889–90; Light-House Inspector, June, 1891, until his retirement, July 3, 1893.

Allan Danvers Brown.—Born in New York. Appointed from New York, Sept. 26, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 28, 1863; steam-sloop "Iroquois," N. A. Blockading Squadron, and special service, 1863–5. Promoted to *Master*, November 10, 1865; flag-ship "Rhode Island," North Atlantic Squadron, 1865–6. Promoted to *Lieutenant*, November 10, 1866; Executive Officer, "Unadilla," Asiatic Squadron, 1866–8. Promoted to *Lieutenant-Commander*, March 12, 1868; "Unadilla," Asiatic Squadron, 1868–9; Naval Academy, 1869–70; practice-ship "Savannah," 1870; Naval Academy, 1870–2; "Omaha," Pacific Squadron, 1872–3; "Pensacola," flag-ship, Pacific Squadron, 1873–5; commanding detachment from Pensacola, protecting transit of Isthmus of Panama, September, 1873; Naval Academy, 1876–8; commanding practice-steamer "Mayflower," 1878; Naval Academy, 1878–9. Promoted to *Commander*, January 22, 1880; Naval Academy, 1880; Torpedo Station, 1880–1; commanding training-ship "Jamestown," 1882–4; Naval Asylum, Philadelphia, 1884; Assistant Superintendent Naval Observatory, 1884–8; commanding "Kearsarge," special service, 1888–9; retired June 24, 1891.

George Thornton Davis.—Born in Massachusetts. Appointed from Massachusetts, September 20, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, October 1, 1863; attached to iron-clad steamer "New Ironsides," South Atlantic Blockading Squadron, 1863–4; U. S. F. "Wabash," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher, and final assault on the same; steam-sloop "Dacotah," Pacific Squadron, 1865–8. Promoted to *Master*, November 10, 1866. Commissioned as *Lieutenant*, February 21, 1867; steam-ship "Plymouth," European Squadron, 1868–72. Commissioned as *Lieutenant-Commander*, December 18, 1868; "Worcester," flag-ship, N. A. Squadron, 1873–5; Navy-Yard, Boston, 1876–80; training-ship "Minnesota," 1881–2; Light-House Inspector, 1882–5. Promoted to *Commander*, February, 1883; commanding "Juniata," Pacific Station, 1885–7. Retired, October, 1889.

Retired under the first section of Act of April 21, 1864.

Greenleaf Cilley.—Appointed *Midshipman* from Maine, February 26, 1841; frigate "Cumberland" and sloop-of-war "Plymouth," Mediterranean and Brazil Squadrons, 1843–46; Naval School, Annapolis, November, 1846; line-of-battle ship "Ohio," Gulf of Mexico, 1847; at Naval Battery, Vera Cruz; co-operated with the army at Medellin River, on its march to and from Alvarado; at the attack and capture of Tuspan, where he received a slight flesh wound in the leg. Naval School, and graduating as *Passed Midshipman*, July 5, 1848; frigate "Raritan," Gulf of Mexico, 1848–50; store-ship "Lexington," Mediterranean, 1850–1; coast-survey steamer "Jefferson," 1851; dismasted and nearly foundered May 25, 1851; was surveyed, condemned, and left at Port Desire River, Patagonia, August, 1851; returned to Montevideo in French bark "Aristide," and to New York in store-ship "Relief," November, 1851; coast-survey steamer "Legare," Florida Reefs, till July, 1852; in store-ship "Fredonia," New York to San Francisco, thence to Valparaiso, July, 1852, to March, 1854; frigate "St. Lawrence," Pacific Station, as *Acting Lieutenant*, March, 1854 to April, 1855; sloop-of-war "Saratoga," West Indies, as *Master* and *Lieutenant*, 1855–58; at the capture of Walker and his filibusters, at Greytown, December 8, 1857; coast-survey steamer "Hetzel," North Carolina Sounds and Chesapeake Bay, 1858; steamer "Metacomet," Paraguay Expedition, 1858–59; brig "Dolphin," Brazil Station, 1859; steamer "Pulaski," River

La Plata, 1859 to 1863; in command of said steamer and Senior Officer on Brazil Station, March, 1862, to 1863; command of gunboat "Unadilla," South Atlantic Blockading Squadron, August and September, 1863. Promoted to *Lieutenant-Commander*, July 16, 1863; in command of monitor "Catskill," off Charleston, S. C., September to November, 1863; blockading the harbor, and at times commanding Fort Sumter; steamer "Fort Jackson," North Atlantic Blockading Squadron, March and April, 1864; line-of-battle-ships "New Hampshire" and "Vermont," South Atlantic Blockading Squadron, May to August, 1864; steam-frigate "Colorado," North Atlantic Squadron, October to December, 1864; retired March, 1865. Promoted to *Commander*, April 4, 1867.

Frederick Robinson Smith.—Born in Wiscasset, Maine. Appointed from Maine, Sept. 24, 1858; Naval Academy, 1858–61; attached to steam-frigate "Colorado," flag-ship, West Gulf Blockading Squadron, 1861; steamer "Flambeau," as Acting Master and Navigator, 1862; South Atlantic Blockading Squadron, 1862–3. Promoted to *Lieutenant* and Ex-Officer, August 1, 1862; engagement with Fort McAllister; boat expedition, Bull's Island, South Carolina; present at Admiral Dupont's first fight at Charleston, 1864; U. S. steam-sloop "Ticonderoga," flag-ship of Flying Squadron, West Indies,—Admiral Lardner served as Flag-Lieutenant and Senior Watch-Officer; Executive Officer steamer "Rhode Island," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher; commanded detachment of seamen in the land assault; commanded landing party from Rhode Island, which, together with the men, landed from H. B. M. gunboat "Lilly," afforded protection to the foreign merchants at Cape Haytien City during the Selnam revolution. Commissioned a *Lieutenant-Commander*, July 25, 1866; U. S. S. "Ashuelot," 1865–9; Navigator while convoying the iron-clad "Miantonomah" across the Atlantic to Queenstown, Ireland; did duty as Navigator until arrival in Hong-Kong, China, when made Executive Officer, and finally commanded the "Ashuelot," until detached, 1869–70; equipment duty, Boston Navy Yard, 1871; Executive Officer U. S. flag-ship "Severn," N. A. Squadron, 1871; commanded U. S. iron-clad "Ajax," on voyage from Key West, Florida, to League Island Navy Yard, 1872; Executive Officer U. S. S. "Iroquois," N. A. Station, reception fleet, Grand Duke Alexis, of Russia, 1872; ordnance duty, Navy Yard, Boston, 1873; Inspector of Ordnance at Key West, 1874; Executive Officer, U. S. S. "Lancaster," flag-ship S. A. Squadron, 1875; Senior Aide to Commander Cooper, commanding Navy Yard, Pensacola. Commissioned as *Commander*, April 6, 1875; commanding iron-clad "Saugus," on voyage from Pensacola to Port Royal, South Carolina. Retired, June 18, 1892.

Retired from incompetency or disability proceeding from other causes not incident to the service.

Augustus Greenleaf Kellogg.—Born in Ohio. Appointed from Illinois, Sept. 21, 1860; Naval Academy, 1860. Promoted to *Ensign*, May 28, 1863; attached to steamer "Rhode Island," North Atlantic Blockading Squadron, 1864; steam-sloop "Powhatan," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher. Promoted to *Master*, November 10, 1865; steam-sloop "Shenandoah," East India Squadron, 1865–8. Commissioned as *Lieutenant*, November 10, 1866. Commissioned as *Lieutenant-Commander*, March 12, 1868; steam-gunboat "Aroostook," Asiatic Squadron, 1868–9; iron-clad duty, New Orleans, 1869; Naval Academy, 1870–1; Hydrographic Office, 1872; in March, 1872, with ten officers and

one hundred and fifty men, rescued the steamer "Ocean Queen," with passengers, from shipwreck, on Island San Salvador; in July, received thanks of Pacific Mail Company for services rendered in saving life, while the steamer "America" was burning at Yokohama; "Michigan" (fourth-rate), 1873–6; training-ship "Monongahela," 1876–7; commanding "Speedwell" (fourth-rate), 1877; Navy Yard, Portsmouth, 1877–80; commanding "Tallapoosa," special service, 1880–3. Promoted to *Commander*, July, 1880; Light-House Inspector, 1883–5; equipment duty, Navy Yard, Washington, 1885–8; commanding "Ossipee," N. A. Station, 1888–9; in June, 1889, he demanded and obtained the release of the Clyde steamer "Ozam," which had been captured and taken to Port au Prince. Retired, December 15, 1891.

LIEUTENANT-COMMANDERS ON THE ACTIVE LIST.

James Henry Dayton.—Born in Indiana. Entered Naval Academy, Sept. 27, 1862; graduated, 1866; "Pensacola" (second-rate), N. Pacific, 1867–9. Promoted to *Ensign*, April, 1868, and to *Master*, March 26, 1869; "Miantonomah" (iron-clad), special service, 1870. Commissioned as *Lieutenant*, March 21, 1869; "Plymouth," European Fleet, 1871–3; "Worcester," flag-ship N. A. Fleet. 1874; Naval Academy, 1875–7; "Quinnebaug," European Station, 1878–81; ordnance duty, Navy Yard, Washington, 1882–83; Midvale Steel Works, 1883–4. Promoted to *Lieutenant-Commander*, November, 1884; "Dolphin," special service, 1884; "Mohican," Pacific Station, 1884–7; Naval Ordnance Proving Ground, 1888, to March, 1892; R. S "Vermont," March, 1892, to March, 1893; commanding "Petrel," Asiatic Station, March, 1893, to date.

Asa Walker.—Born in New Hampshire. Entered Naval Academy, November 27, 1862; graduated, 1866; N. Atlantic Squadron, 1867. Promoted to *Ensign*, April 1868; ordnance duty, Portsmouth, New Hampshire, 1868; "Jamestown," Pacific Fleet, 1868–71. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; Naval Academy, 1872–6; "Essex," S. Atlantic Station, 1876–8; Naval Academy, 1879–81; practice-ship "Dale," 1881–2; Naval Academy, 1882–3; "Trenton," Asiatic Station, 1883–4. Promoted to *Lieutenant-Commander*, December, 1884; "Monocacy," Asiatic Station, 1884; "Trenton," Asiatic Station, 1884–6; Naval Academy, 1886 to August, 1890; waiting orders, August, 1890, to October, 1891; "Miantonomah," N. A. Station, October, 1891, to March, 1893; commanding "Bancroft," special service, March, 1893, to July, 1893; Naval Academy, July, 1893, to date.

Morris Robinson Slidell Mackenzie.—Born in New York. Appointed to Naval Academy, Sept 27, 1862; graduated, 1866; N. A. Station, 1867. Promoted to *Ensign*, April, 1868; ordnance duty, Portsmouth, N. H., 1868; "Guard," store-ship, European Fleet, 1868–9. Promoted to *Master*, March, 26, 1869; "Franklin," flag-ship, European Fleet, 1869–71. Commissioned as *Lieutenant*, March 21, 1870; Naval Academy, 1873–4; "Pensacola," flag-ship, N. Pacific Station, 1875–8; Naval Academy, 1877–80; "Essex," Asiatic Station, 1882–4. Promoted to *Lieutenant-Commander*, December, 1884; Light-House duty, 1884–9; "Chicago," European Station, 1889 to July, 1891; commanding "Petrel," Asiatic Station, July, 1891, to February, 1893; Light-House Inspector, June, 1893, to date.

Charles Stillman Sperry.—Born in New York. Entered Naval Academy, Sept. 27, 1862; U. S. S. "Sacramento," 1866–7. Promoted to *Ensign*, April, 1868; ordnance duty, Boston, 1868; "Kearsarge," Pacific Fleet, 1868–70. Promoted to *Master*, Mar. 26, 1869. Commissioned as *Lieutenant*, Mar. 21, 1870; "Worcester," flag-ship, N. A. Fleet, 1871–4; Naval Academy, 1874–8; "Richmond," Asiatic Station, 1878–81; Naval Academy, 1881–4; "Quinnebaug," European Station, 1884–7. Promoted to *Lieutenant-Commander*, March, 1885; Naval Academy, 1887, to July, 1891; "Chicago," Squadron of Evolution, and S. A. Station, July, 1891, to May, 1893; Bureau of Ordnance, May, 1893, to date.

Frank Courtis.—Graduated from Naval Academy, June, 1866; served as *Midshipman* on U. S. S. "Pawnee," South Atlantic Station, from January, 1867, until July, 1869. Promoted to *Ensign*, March 12, 1868. Promoted to *Master*, March 26, 1869; joined U. S. S. "Resaca," Pacific Station, August, 1869; transferred to U. S. S. "Ossipee," January, 1871; served on her until December, 1872. Promoted to *Lieutenant*, March 21, 1870; served on U. S. R. S. "Independence," from January until June, 1873; on leave until December, 1873; on "Independence" until January, 1874; joined U. S. Coast Survey steamer "Hassler;" served in her until November, 1876; commanded U. S. Coast Survey steamer "McArthur" until March, 1878; ordnance and torpedo instruction until September, 1878; joined U. S. S. "Tuscarora," November, 1878; transferred to U. S. S. "Ranger;" served on her until August, 1881; on duty Navy Yard, Washington, from October, 1881, to July, 1882; on duty on U. S. S. "Montauk" until December, 1882; then to Navy Yard, Washington, until April 1, 1885. Promoted to *Lieutenant-Commander*, March 2, 1885; served on U. S. S. "Omaha," Asiatic Station, from April 1, 1885, to May, 1888; Steel Inspection duty, Pittsburg, from September 1, 1888, to June, 1890; Member Steel Inspection Board, June, 1890, to June, 1893; commanding "Vesuvius," special service, June, 1893, to date.

William Wagner Reisinger.—Born in Pennsylvania. Entered Naval Academy in April, 1862; graduated, 1866; N. A. Fleet, 1866–7; Asiatic Station, 1867–70. Promoted to *Ensign*, April, 1868; to *Master*, March 26, 1869; and commissioned as *Lieutenant*, March 21, 1870; torpedo service, 1871; "Constellation" (gunnery ship), 1872; "Richmond," flag ship S. Pacific Squadron, 1873–4; Hydrographic Office, 1875–6; ordnance duty, Washington, 1877–9; "Trent," on European Station, 1879–82; in charge of Bellevue Magazine, 1882–4; "Yantic," N. A. Station, 1884–6. Promoted to *Lieutenant-Commander*, June, 1885; "Omaha," Asiatic Station, 1888 to August, 1891; Bureau of Navigation, August, 1891, to June, 1892; R. S. "Dale," June, 1892, to date.

John Contee Rich—Born in New York. Appointed to Naval Academy, September 23, 1862; graduated in 1866; North Atlantic Station, 1867. Promoted to *Ensign*, April, 1868; Asiatic Squadron, 1868–71. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; "Mahopac" (iron-clad), N. A. Station, 1871–2; "Ossipee," N. A. Station, 1873; sick leave, 1874; "Alert," Asiatic Fleet, 1875–8; Navy Yard, League Island, 1878–83; "Alliance," N. A. Station, 1883–5. Promoted to *Lieutenant-Commander*, June, 1885; R. S. "Vermont," 1886–9; "Palos," Asiatic Station, January, 1890, to November, 1892; receiving-ship "Minnesota," January, 1893, to October, 1893; Naval Station, Port Royal, October, 1893, to date.

William Turnbull Burwell.—Born in Mississippi. Entered Naval Academy, September 29, 1862; graduated in 1866; Asiatic Station, 1867–71. Promoted to *Ensign* in April, 1868. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; "Worcester," flag-ship North Atlantic Fleet, 1872–5; "Hartford," flag-ship North Atlantic Fleet, 1876; special duty, New York, 1877; "Trenton," European Station, 1877–81; Naval Academy, 1881–5; "Juniata," cruise to all stations, 1885–9; in command of "Juniata" during cruise on Asiatic Station. Promoted to *Lieutenant-Commander*, September, 1885; Navy Yard, Norfolk, 1889, to February, 1893; commanding "Pinta," Alaska, February, 1893, to date.

John Jacob Hunker.—Born in Pennsylvania. Entered Naval Academy, April 18, 1862; graduated, 1866; "Susquehanna," flag-ship North Atlantic Station, 1866–8. Promoted to *Ensign*, April, 1868; "Franklin," flag-ship European Squadron, 1869–71. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; torpedo service, 1872; "Michigan," (fourth-rate), 1873; "Swatara," North Atlantic Station, 1874–5; "Michigan" (fourth-rate), 1876; torpedo duty, 1877; nautical school-ship "St. Mary's," 1878–80; "Richmond," Asiatic Station, 1882–4; "Michigan," Northwestern Lakes, 1884–7. Promoted to *Lieutenant-Commander*, October, 1885; "Adams," Pacific Station, 1889, to July, 1890; R. S. "Independence," July, 1890, to April, 1891; "Palos," Asiatic Station, April, 1891, to June, 1893; R. S. "Wabash," June, 1893, to date.

Franklin Hanford.—Born in New York. Entered Naval Academy, November 29, 1862; graduated, 1866; "Saco," N. A Station, 1866–67; "Kearsarge" (third-rate), 1867–8. Promoted to *Ensign*, April, 1868; "Tuscarora," North Atlantic Station, 1868–71. Promoted to *Master*, March 26, 1869; and commissioned as *Lieutenant*, March 21, 1870; "Wabash," flag-ship European Fleet, 1872–4; torpedo duty, 1874; R. S. "Vermont,' 1874–5; "Tennessee," flag-ship Asiatic Squadron, 1875–6; "Ashuelot," Asiatic Fleet, 1876–7; "Tennessee," Asiatic Station, 1877–8; Navy Yard, New York, 1878–81; "Pensacola," Pacific Station, 1881–4; ordnance duty, Navy Yard, Washington, 1884–5. Promoted to *Lieutenant-Commander*, October, 1885; Inspector Ordnance, West Point Foundry, 1885–8; "Pensacola," 1888–91; special duty, 1888–9; scientific expedition to West Africa, 1889–90; South Atlantic and South Pacific Stations, 1890–1; Navy Yard, New York, 1892, April 1, 1892, to date.

Frederick William Crocker.—Born in Massachusetts. Entered Naval Academy, September 26, 1862; graduated, 1866; North Atlantic Station, 1867. Promoted to *Ensign*, April, 1868; ordnance duty, Boston, 1868; "Santee," North Atlantic Station, 1860–9. Promoted to *Master*, March 26, 1869, and commissioned as *Lieutenant*, March 21, 1870; special duty, New York, 1870; "Shenandoah," European Fleet, 1870–2; "Brooklyn," European Fleet, 1873; torpedo duty, 1874; "Richmond," Pacific Squadron, 1875–6; "Onward" (store-ship), Callao, 1877; R. S. "Wabash," 1878–82; "Iroquois," Pacific Station, 1882–5; R. S. "New Hampshire," 1885–6. Promoted to *Lieutenant-Commander*, January, 1888; "Mohican," Pacific Station, 1888 to November, 1891; leave of absence, November, 1891, to December, 1892; R. S. "Wabash," December, 1892, to May, 1893; Light-House Inspector, May, 1893, to date.

Robert Mallory Berry.—Born in Kentucky. Entered Naval Academy, June 31, 1862; graduated, 1866; "Guerriere," flag-ship, South Atlantic Station, 1867–8; "Kansas," same station, 1869. Promoted to *Ensign*, April, 1868, and to *Master*, March 26, 1869; "Cyane," Pacific Fleet, 1869–72.

Commissioned as *Lieutenant*, March 21, 1870; "Dictator" (iron-clad), North Atlantic Station, 1873; "Franklin," flag-ship European Fleet, 1874–6; torpedo duty, summer of 1877; "Saratoga," training-ship, 1877–81; commanding Rodger's special service, 1881–2; nautical school-ship "St. Mary's," 1882–6. Promoted to *Lieutenant-Commander*, February, 1886; "Atlanta," North Atlantic Station, 1886–8; Light-House Inspector, 1889 to March, 1892; commanding "Michigan," March, 1892, to date.

Samuel Williams Very.—Born in England, April 23, 1846 Entered Naval Academy, February 23, 1863; was graduated June, 1866. Commissioned as *Ensign*, March 12, 1868; as *Master*, March 26, 1869; as *Lieutenant*, March 21, 1870; as *Lieutenant-Commander*, March 4, 1886; at Naval Academy and in practice-ships "Macedonian," "Marblehead," "Marion," and "Savannah," 1863–6; "Resaca," "Mohican," and "Onward," Pacific Station, 1866–71; Torpedo Station, 1871–2; "Lancaster" and "Wasp," South Atlantic Station, 1872–4; Boston Navy Yard, 1874–5; "Omaha," South Pacific Station, 1875; "Richmond," same and South Atlantic Station, 1875–77; Naval Academy and in the practice-ship "Constellation," 1877–80; Hydrographic Office, Washington, 1880; Magnetic Observations, Hudson's Bay and coast of Labrador, under Coast Survey, 1880–2; in charge of Transit of-Venus Expedition to Patagonia, 1882–3; "Tennessee," North Atlantic Station, 1883–6; Torpedo Station, 1886; Inspection of Steel, 1886–87; War College, 1887; Naval Academy, in charge of ships, 1887–90; special duty, connected with the "Newark," August, 1890, to November, 1891; "Boston," Pacific Station, November, 1891, to November, 1893; leave of absence, November, 1893, to date.

Henry Newman Manney.—Born in Indiana. Entered Naval Academy, September 24, 1861; graduated in 1866; steam-sloop "Resaca," N. P. Squadron, 1866–8. Promoted to *Ensign* in April, 1869. Promoted to *Master*, March 26, 1869; "Swatara," N. Atlantic Fleet, 1870–1; "Marion," 1871. Commissioned as *Lieutenant*, March 21, 1870; "Michigan," 1872–3; "Independence," 1873; steam-sloop "Tuscarora," surveying duty in Pacific, 1873; "Kearsarge," Asiatic Fleet, 1873–5; steamer "Yantic," Asiatic Station, 1875–6; "Alaska," Pacific Station, 1878–81; Torpedo Instruction, 1881–2; Naval Academy, 1881–4. Promoted to *Lieutenant-Commander*, October, 1886; "Lancaster," European and S. Atlantic Station, 1884–7; "Trenton," 1887; Hydrographic Office, 1888; Naval Home, Philadelphia, 1889 to June 1891; "Newark," June, 1891 to September, 1892; Naval Home, Philadelphia, September, 1892, to date.

Chapman Coleman Todd.—Born in Kentucky. Entered Naval Academy, October 9, 1861; graduated in 1866; steam-sloop "Resaca," N. Pacific Fleet, 1866–8. Promoted to *Ensign*, April, 1868; Pacific Fleet, 1869. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 25, 1870; Pacific Fleet, 1870–1; "Worcester," flag-ship, N. A. Station, 1872; "Wyoming," N. A. Station, 1873; Hydrographic Office, 1874; "Pensacola," flag-ship N. Pacific Station, 1875–6; R. S. "Franklin," 1877–8; "Lackawanna," Pacific Station, 1878–9; "Wyoming," Naval Station, Port Royal, 1881–2; "Kearsarge," European Station, 1883–5; ordnance duty, Navy Yard, Washington, 1885–6. Promoted to *Lieutenant-Commander*, November, 1886; Naval Academy, 1886–9; Charlestown, special service, 1889 to November, 1891; R. S. "Minnesota," November, 1891 to January, 1893; Inspector of Ordnance Navy Yard, Norfolk, January, 1893, to date.

Joseph Newton Hemphill.—Appointed to the Naval Academy, Ohio. Entered the Academy, at Newport, R. I., and was warranted a *Midshipman*,

September 27, 1862; graduated at Annapolis, June, 1866; was ordered to the "Tacony," transferred to the "Osceola" and then to the "Monongahela," during the autumn and winter of 1866; wrecked in the West India earthquake, November, 1867, and brought north in the "De Soto," December, 1867; was commissioned an *Ensign*, March 12, 1868, and served on board the "De Soto" part of that year; duty at League Island, autumn of 1868, and on the "Kenosha," afterwards the "Plymouth," from December, 1868, to July 1873; commissioned *Master*, March 26, 1869, and *Lieutenant*, March 21, 1870; duty at Norfolk Navy Yard, as Navigation Officer, 1874; Navigator of the "Tuscarora," deep-sea sounding, 1875–76; Coast Survey steamer "Gedney," and U. S. S. "Swatara," 1877–8; Washington Navy Yard and Naval Observatory, 1879–80; "Powhatan," October 1880 to September 1883; Torpedo School and Washington Gun Factory, 1884–87; commissioned *Lieutenant-Commander*, January 26, 1887; "Jamestown," December, 1887 to August, 1890; Board of Inspection and Survey, September, 1890 to November, 1893; commanding "Fern," November, 1893, to date.

Abraham Bruyn Hasbrouck Lillie.—Born in New York. Entered Naval Academy, Sept. 24, 1862; graduated, 1866; "Kearsarge" (third-rate), Pacific Fleet, 1867–70. Promoted to *Ensign*, April, 1868. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; "Shawmut" (third-rate), N. A. Fleet, 1871–2; "Brooklyn" (second-rate), European Station, 1872–6; Navy Yard, New York, 1876–7; "Constellation" (training-ship), 1877–8; Navy Yard, New York, 1878–9; "Nipsic," special duty, 1879–83; R. S. "Colorado," 1883–4; R. S. "Vermont," 1884–5; "Juniata," Asiatic Station, 1885–6. Promoted to *Lieutenant-Commander*, January, 1887; "Richmond," N. A. Station, 1886–8; Navy Yard, New York, 1888, to March, 1892; "Baltimore," Asiatic Station, March, 1892, to May, 1893; sick leave, May, 1893, to October, 1893; Navy Yard, Norfolk, October, 1893, to date.

William Thomas Swinburne.—Born in Rhode Island. Entered Naval Academy, Sept. 24, 1862; graduated, 1866; "Kearsarge" (third-rate), Pacific Fleet, 1867–70. Promoted to *Ensign*, April, 1868; to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1880; "Michigan" (fourth-rate), 1871–2; "Lancaster," flag-ship, South Atlantic Station, 1872–5; Torpedo Station, 1875; "Hartford," flag-ship, N. A. Station, 1876–7; C. S. S. "Hassler," 1879–81; commanding C. S. S. "McArthur," 1881–3; "Trenton," Asiatic Station, 1883–6. Promoted to *Lieutenant-Commander*, March, 1887; Naval Academy, 1886–90; U. S. S. "Boston," Pacific Station, August, 1890 to April, 1893; Naval Academy, April, 1893, to date.

William Hemsley Emory.—Born in District of Columbia. Entered Naval Academy, Sept. 23, 1862; graduated in 1866; "Iroquois," (third-rate), Asiatic Station, 1867–9, and "Maumee," same station, 1869–70. Promoted to *Ensign*, April, 1868. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; Naval Observatory, 1871; "Constellation" (gunnery-ship), Washington, 1872; "Hartford," flag-ship, Asiatic Station, 1873–4; "Franklin," flag-ship, European Station, 1875–6; Naval Academy, 1877–8; "Trenton," European Station, 1880–1; special duty, Washington, 1881–3; temporary command of "Palos," Asiatic Station, 1883; Aide to the Admiral, 1883–4; commanding the "Bear," Greely Relief Expedition, 1884; commanding "Despatch," special service, 1885–6; commanding "Thetis," special service, N. Pacific, 1886–9. Promoted to

Lieutenant-Commander, May, 1887; Naval Attaché, London, England, 1889, to February, 1893; leave of absence from February, 1893, to date.

George Augustus Bicknell.—Born in New Jersey, May 15, 1846. *Acting Midshipman*, from Indiana, Dec. 2, 1861; served as First Lieutenant of a company in Indiana during the Morgan Raid, until Regiment was mustered out; graduated, 1866; "Iroquois," Asiatic Fleet, 1867–70; at the opening of the Ports Kobe and Osaka, Japan, to trade, in 1868; in landing party repelling attack of Prince Hyzea; at Yokohama was second in command of the marines of two ships, on out-post duty, protecting Yokohama until good order was restored, about ten days, during which the fleet left. Promoted to *Ensign*, April, 1868; to *Master*, March, 1869; to *Lieutenant*, March 21, 1870; to *Lieutenant-Commander*, May, 1886. Naval Academy Instructor, 1870–1; "Worcester," flag-ship, North Atlantic, 1872–5; Torpedo Station, 1875; South Pacific and South Atlantic Stations, 1875–6; flag-ships "Richmond" and the "Omaha," Navigator of the "Wachusett," S. A. Station, 1879, going up the Mississippi, one hundred miles above Vicksburg; Navigator of "Marion," 1880–2; cruised from Montevideo to Heard's Island, about seven thousand miles, and rescued thirty survivors of shipwrecked bark "Trinity;" inspector of steel for Advisory Board, at Chester Rolling Mills, and at Standard Steel Works, Thurlow, Pa. (for Construction Bureau also), at the Combination Iron Works, Lamokin, Pa., and at Roach ship-building works, boiler-plates, ship-plates, shafting, rivets, for "Chicago," "Boston," "Atlanta," and "Dolphin," and structural steel shapes, 1883–6; Asiatic Station, Executive Officer, "Essex," 1886–9; assistant in equipment, Navy Yard, New York, 1889, to May, 1891; "Atlanta," December, 1892, to July, 1893; R. S. "Franklin," July, 1893, to date.

Charles Thomas Hutchins.—Born in Pennsylvania. Entered Naval Academy, June 1, 1862; graduated, 1866; Asiatic Squadron, 1867–70. Promoted to *Ensign*, April, 1868; to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; Naval Observatory, 1871; "Wyoming," N. A. Station, 1872–4; Coast Survey, 1875; commanding Coast Survey steamer "Endeavor," 1875–6; commanding "Lehigh" (iron-clad), 1876–7; Hydrographic Office, 1877; "Supply," special service, 1877–9; Navy Yard, Washington, 1879–80; Coast Survey Office, 1880–1; "Lancaster," European Station, 1881–4; Naval Academy, 1884–6; "Marion," Asiatic Station, 1886–90; Promoted to *Lieutenant Commander*, June 1887; Bureau of Equipment, July, 1890, to May, 1893; commanding, "Thetis," special service, May, 1893, to date.

Seth Mitchell Ackley.—Born in Massachusetts. Entered Naval Academy, Oct. 4, 1862; graduated, 1866; "Guerriere," N. A. Station, 1867. Promoted to *Ensign* in April, 1868; "Gettysburg," N. A. Station, 1868–9. Promoted to *Master*, March 26, 1869; "Yantic," N. A. Station, 1870–1. Commissioned as *Lieutenant*, March 21, 1870; Naval Observatory, 1872; "Omaha," S. P. Station, 1872–3; S. S. "Onward," Callao, Peru, 1874–5; ordnance duty, Navy Yard, Washington, 1876; R. S. "Wyoming," 1876–7; Coast Survey steamer "Blake," 1877; commanding C. S. S. "Eagre," 1878–80; "Palos," special service, 1881–3; Hydrographic Office, 1884–6; "Quinnebaug," European Station, 1887–9. Promoted to *Lieutenant-Commander*, June, 1887; Coast Survey Office, 1889, to December, 1893; commanding "Yantic," S. A Station, December, 1893, to date.

William Wilberforce Gillpatrick.—Born in Ohio. Entered Naval Academy from Kansas, Sept. 27, 1862; graduated in 1866; flag-ships "Rhode Island" and "Susquehanna," North Atlantic Station, 1866–7; flag-ship

"Franklin," European Station, 1867–8. Promoted to *Ensign*, March, 1868; "Ticonderoga," European Station, 1868–9. Promoted to *Master*, March, 1869; flag-ship "Severn," North Atlantic Station, 1869–71. Promoted to *Lieutenant*, March, 1870; "Yantic," Asiatic Station, 1872–5; "Hartford," Asiatic Station, 1875; "Lackawanna," North Pacific Station, 1877–8; Coast Survey steamer "Hassler," Pacific Coast, 1878–9; torpedo instruction, 1879; flag-ship "Shenandoah," South Atlantic Station, 1879–82; Hydrographic Office, 1882–5; "Omaha," Asiatic Station, 1885–6; "Monocacy," Asiatic Station, 1886–9; the last six months' service on board this vessel being in command. Promoted to *Lieutenant-Commander*, July, 1887; Naval Academy, 1889, to June, 1893; "Chicago," European Station, June, 1893, to date.

Benjamin Sayre Richards.—Born in Pennsylvania. Entered Naval Academy, Oct. 22, 1861; graduated, 1866; "De Soto" (second-rate), N. A. Station, 1867–8. Promoted to *Ensign*, 1868; R. S. "New Hampshire," 1869–70; retired, 1869; restored to active list, 1872. Commissioned as *Lieutenant*, March 21, 1871; R. S. "New Hampshire," 1873; "Portsmouth," Pacific Fleet, 1874–5; "Lackawanna," N. P. Station, 1875–7; R. S. "Franklin," 1877–8; Navy Yard, Pensacola, 1881–2; "Wachusett," Pacific Station, 1882–5; ordnance duty, Navy Yard, Washington, 1885–6; R. S. "Franklin," 1886–9. Promoted to *Lieutenant-Commander*, August 1887; "Monocacy," Asiatic Station, 1889, to November, 1892; Navy Yard, New York, November, 1892, to date.

Benjamin Franklin Tilley.—Born in Rhode Island. Entered Naval Academy, Sept 22, 1863; graduated, 1867; "Franklin," flag-ship, European Fleet, 1867–8; steamer "Frolic," 1868–9. Promoted to *Ensign*, 1868; "Lancaster," flag-ship, S. A. Fleet, 1869–72. Promoted to *Master*, 1870, and commissioned as *Lieutenant*, 1871; "Pensacola," flag-ship, South Pacific Fleet, 1873–5; R. S. "New Hampshire," 1875; "Hartford," flag-ship, N. A. Station, 1875–7; "Powhatan," flag-ship, N. A. Station, 1877–8; Naval Academy, 1879–81; practice-steamer "Standish," 1881; Naval Academy, 1882; "Tennessee," N. A. Station, 1882–5; Naval Academy, 1885–9. Promoted to *Lieutenant-Commander*, September, 1887; ordnance duty, Navy Yard, Washington, 1889–90; U. S. S. "San Francisco," November, 1890, to July, 1893; Naval Academy, July, 1893, to date.

Harry Knox.—Born in Ohio. Entered Naval Academy, March 2, 1863; graduated, 1867; "Franklin," flag-ship, European Fleet, 1867–9. Promoted to *Ensign*, 1868. Promoted to *Master*, 1870; Pacific Fleet, 1870–2. Commissioned as *Lieutenant*, 1871; "Monongahela," S. A. Station, 1873–5. Naval Academy, 1876–9; "Adams," Pacific Station, 1879–82; Naval Academy, 1882–6; "Boston," special service, 1886–90. Promoted to *Lieutenant-Commander*, January, 1888; Naval Academy, June, 1890, to date.

Clifford Hardy West.—Born in New York. Appointed from New York, and resident of New York. Entered U. S. Naval Academy at Newport, R. I., September 21, 1863. Was graduated as *Midshipman* from the Academy at Annapolis, Md., June, 1867–1870; European Station, frigate "Minnesota;" store-ship "Supply;" steam-sloop "Ticonderoga;" frigate "Franklin," Admiral Faragut; steam-sloop, "Plymouth." Promoted to *Ensign*, December 18, 1868; 1870–1871, duty in Navy Department Office of Chief Signal Officer. Promoted to *Master*, March 21, 1870; 1871–1873, steam-sloop "Wyoming," in West Indies during complications with Spain as to steamers "Virginius" and "Edgar Stuart." Made running survey of east coast of Mexico. Promoted to *Lieutenant*, March 21, 1871; 1873–1875, ordnance duty, Navy Yard, New York; 1875–1877, Navigator of steamer

"Frolic," South Atlantic Station; 1877–1879, ordnance duty, Navy Yard, New York; 1879–1883, steam-sloop "Alliance, North Atlantic Station; survey on Great Bank of Newfoundland, and Executive Officer during the search for Lieutenant De Long on east coast of Greenland, Iceland and Spitzbergen; 1883–1885, Light-House duty, New York; 1885–1886, commanding Light-House steamer "Madrono," New York to California; 1886–1890, Asiatic Station; on staffs of Rear-Admirals Chandler and Belknap, frigate "Brooklyn;" steam-sloops, "Marion" and "Omaha," double-ender "Monocacy." Promoted to *Lieutenant-Commander*, March 31, 1888; 1890, ordnance duty, Navy Yard, New York; 1890–1892, Light-House duty, New York; 1892–1893, commanding Light-House steamer "Columbine," New York to Oregon; 1893, Light-House duty, New York, to date.

John Porter Merrell.—Born in New York. Entered Naval Academy, July 20, 1863; graduated, 1867; "Ticonderoga" and "Franklin," European Fleet, 1867–8; "Plymouth," European Fleet, December, 1868, to April 26, 1870; signal duty, Washington, May 16, 1870, to July 22, 1870; "Guard," Fishing Banks, and Darien Expedition, July 22, 1870, to August, 1871; torpedo duty, January 25, 1872, to September 13, 1875; "Swatara," North Atlantic Fleet, September 13, 1875, to August 24, 1877; in charge of naval ordnance proving grounds, September 24, 1877, to February 6, 1879; "Marion," North Atlantic and South Atlantic Fleets, February, 6, 1879, to October 18, 1881; "Shenandoah," South Atlantic Fleet, October 18, 1881, to May 22, 1882; Naval Academy, September 1, 1882, to August, 1887; flag-ships "Pensacola" and "Quinnebaug," and "Lancaster," European Station (staff of commander-in-chief), August 24, 1887, to June 24, 1889; Naval Academy, August 12, 1889, to June, 1893. Promoted to *Master*, March, 1870; *Lieutenant*, March, 1871; *Lieutenant-Commander*, May, 1888; "Baltimore," Asiatic Station, June, 1893, to date.

Joseph Giles Eaton.—Born in Alabama. Entered Naval Academy, September 23, 1863; graduated, 1867; "Ticonderoga," European Fleet, 1867–8. Promoted to *Ensign*, 1868; "Richmond," European Fleet, 1869; Darien Expedition, 1869–71. Promoted to *Master*, 1870; and commissioned as *Lieutenant*, 1871; ordnance duty, Boston, 1872; "Dictator" (iron-clad), N. A. Station, 1873–4; special duty, Darien Survey, 1874–5; "Marion," European Station, 1876–7; "Alaska," Pacific Station, 1877–81; Naval Academy, 1881–4; "Ranger," Pacific Station, 1884–7; Inspector of Steel, new cruisers, 1887–8. Promoted to *Lieutenant-Commander*, June, 1888; Inspector of Ordnance, South Boston Iron Works, 1888–90; Inspector of Steel at Nashua Steel Works, October, 1890, to March, 1891; "Monongahela," March, 1891, to June, 1893; member Steel Inspection Board, June, 1893, to date.

William Irwin Moore.—Born in Virginia. Entered Naval Academy, April 12, 1862; graduated, 1866; "Monongahela" (second-rate), N. A. Station, 1866–8. Promoted to *Ensign* in April, 1868. Promoted to *Master*, March 26, 1869; Pacific Fleet, 1869–72. Commissioned as *Lieutenant*, March 21, 1870; "Ajax" (iron-clad), N. A. Station, 1873–4; Torpedo Station, 1875–6; Coast Survey steamer "Bache," 1876–7; commanding C. S. schooner "Ready," 1877–8; "Marion," North and South Atlantic, 1878–81; Navy Yard, Norfolk, 1881–2; Naval Academy, 1882–3; "Hartford," Pacific Station, 1885–6; "Adams," Pacific Station, 1886–8. Promoted to *Lieutenant-Commander*, October 31, 1888; Torpedo Station, 1888, to November, 1891; Coast Survey Office, November, 1891, to January, 1892; commanding Coast Survey steamer "Patterson," January, 1892, to date.

Charles Belknap.—Born in New Jersey. Entered Naval Academy as *Midshipman*, from Second District, New York, July, 1864; was graduated, June, 1867; "Minnesota," special service, July to September, 1867; "Ticonderoga," European Station, 1867–8; "Canandaigua," special service, 1868–9. Promoted to *Ensign*, December, 1868; receiving-ship "Vermont," April to June, 1869; Pacific Fleet, "Cyane" and "Resaca," July, 1869, to November, 1872. Promoted to *Master*, 1870, and to *Lieutenant*, 1871; Hydrographic Office, April to October, 1873; Naval Academy, 1873–6; Navigator, "Kearsarge," Asiatic Fleet, 1876–7; Executive "Ashuelot," Asiatic Fleet, 1877–9; Naval Academy (Physics and Chemistry), 1879–82; Navigator "Vandalia," North Atlantic Station, 1882–4; Naval Academy (Physics and Chemistry), 1884–5; in charge of buildings and grounds and assistant to superintendent, 1885–8; torpedo instruction and in attendance Naval War College, 1888; Executive "Kearsarge," special service and North Atlantic Station, 1888–91. Promoted to *Lieutenant-Commander*, February, 1889; Torpedo Station, 1891, to date.

Fernando Padilla Gilmore.—Born in Ohio. Entered Naval Academy, February 28, 1863; graduated, 1867; "Canandaigua," European Fleet, 1867–9. Promoted to *Ensign*, 1868; Pacific Fleet, 1869–72. Promoted to *Master*, 1870; and commissioned *Lieutenant*, 1871; "Dictator" (iron-clad), N. A. Station, 1873; "Franklin," flag-ship, European Fleet, 1874–6; torpedo duty, summer of 1877; Hydrographic Office, 1878–9; "Swatara," and "Monocacy," Asiatic Station, 1879–82; "Richmond," Asiatic Station, 1883–84; "Trenton," Asiatic Station, 1884–5; "Monocacy," Asiatic Station, 1885–86; inspector steel, new cruisers, 1886–90. Promoted to *Lieutenant-Commander*, March, 1889; U. S. S. "Lancaster," Asiatic Station, March, 1890, to February, 1893; member Board of Inspection, San Francisco, February, 1893, to date.

Eugene Henry Cozzens Leutze.—Born in Prussia. Entered Naval Academy, March 4, 1863; during summer of 1864, while on leave of absence from Academy, volunteered for active service, and was employed on board U. S. S. "Monticello," Lieutenant Wm. B. Cushing, commanding, on the North Atlantic Blockading Squadron; graduated in June, 1867; "Minnesota," "Canandaigua," and "Ticonderoga," European Fleet, 1867–9. Promoted *Ensign*, 1868; receiving-ship "Vermont," at New York, 1869; "Severn," flag-ship, North Atlantic Fleet, 1869–71; while attached to the "Severn," was favorably mentioned in an official report of Captain Lowry to Rear-Admiral Poor, for coolness and efficiency on an emergency created by the iron-clad "Terror," running into the "Severn." Promoted to *Master*, 1870, and commissioned *Lieutenant*, 1871; "Worcester," flag-ship, North Atlantic Fleet, 1872; Nicaraguan Surveying Expeditions, 1872–3; had charge of one of the surveying parties, and surveyed and examined the routes on the west side of Lake Nicaragua, along the valleys of the rivers Sopoa, Ochomoga and Gil Gonzales; also surveyed from the river Serapequi to Greytown, on the east side of the lake, and ran the first straight line of twenty miles through the swamps and jungle back of Greytown to the Atlantic at that town; leave of absence and Hydrographic Office, 1873; Panama Surveying Expedition, 1874–5; Executive Officer, and in charge of the party surveying the upper part of the Chagres River, and the middle part of the canal route; "Tuscarora," North Pacific Fleet, 1875; on special duty in charge of deep-sea sounding from Honolulu, Sandwich Islands, to Brisbane, Australia; Coast Survey, 1876–80; commanding U. S. C. S. "McArthur," 1877–80, on Pacific Coast; leave of absence, 1880–2; employed by Tehuantepec Railroad Company to survey and explore for har-

bor on Pacific side of Isthmus of Tehuantepec; and engaged afterwards in starting the building of a breakwater and railroad at proposed western terminus of road; U. S. monitor "Nantucket," 1882; Executive Officer U. S. S. "Juniata," 1882-5; Navigator, Persian Gulf, India, and Burmah, Asiatic Station, East Coast of Africa, and Madagascar; U. S. Naval Academy, 1886–7; in Department of Seamanship; practice-ship "Constellation," 1887; Executive Officer, Naval Academy, 1887–90; head of Department of Modern Languages. Promoted to *Lieutenant-Commander*, in March, 1889; ordered as Executive of U. S. S. "Philadelphia, 1890, to November, 1892; Navy Yard, Washington, November, 1892, to date.

Uriel Sebree.—Born in Wisconsin. Entered Naval Academy, July 23, 1863; graduated, 1867; "Canandaigua," European Fleet, 1867–9. Promoted to *Ensign*, 1868; Pacific Fleet, 1869–72. Promoted to *Master*, 1870, and commissioned as *Lieutenant*, 1871; "Dictator" (iron-clad), North Atlantic Station, 1873; "Franklin," flag-ship, European Station, 1873–6; torpedo duty, summer of 1877; C. S. S. "Bache," 1878; commanding C. S. S. "Silliman," 1879; commanding C. S. S. "Gedney," 1879–81; Texas Coast, U. S. S. "Brooklyn," South Atlantic Station, 1882; Naval Academy, 1882–3; commanding U. S. S. "Pinta," 1883; U. S. S. "Powhatan," 1884; U. S. S. "Thetis," Greely Relief Expedition, 1884; Naval Academy, 1884–5. Promoted to *Lieutenant-Commander*, March, 1889; Light-House Inspector, Oregon and Washington Territory, 1885–9; U. S. S. "Baltimore," 1889, to July, 1893; Naval Academy, July, 1893, to date.

Albert Reynolds Couden.—Born in Indiana. Entered Naval Academy, September 26, 1863; graduated, 1867; "Franklin," flag-ship European Squadron, 1867–9. Promoted to *Ensign*, 1868; "Plymouth,' European Station, 1869–70. Promoted to *Master*, 18 0; Darien Expedition, 1871. Commissioned as *Lieutenant*, 1871; "Wyoming," North Atlantic Fleet, 1872–4; Torpedo Station, 1874–8; "Palos," Asiatic Station, 1878; "Ashuelot," Asiatic Station, 1878–81; Bureau of Ordnance, 1882–8; "Atlanta," special service, 1888, to April, 1891. Promoted to *Lieutenant-Commander*, March, 1889. Bureau of Ordnance, April, 1891, to date.

Edwin Conway Pendleton.—Born in Virginia. Entered Naval Academy, Oct. 12, 1863; graduated, 1867; "Minnesota," special service, 1867–8. Promoted to *Ensign*, 1868; "Onward," Pacific Fleet, 1869–70. Promoted to *Master*, 1870; Hydrographic Office, 1871. Commissioned as *Lieutenant*, 1871; ordnance duty, Washington, 1872–3; "Congress," European Station, 1874–6; Navy Yard, Washington, 1876–7; Torpedo Station, 1877–8; ordnance duty, Navy Yard, Washington, 1877–9; "Swatara," Asiatic Station, 1879–82; Naval Observatory, 1882–6; "Atlanta," North Atlantic Station, 1886–8; ordnance duty, Navy Yard, Washington, 1888, to February, 1893. Promoted to *Lieutenant-Commander*, August, 1889; "Monterey," Pacific Station, February, 1893, to date.

William Swift.—Born in Connecticut. Entered Naval Academy, September 23, 1863; graduated, June, 1867; flag-ship "Susquehanna," home station, 1867. Promoted to *Ensign*, 1868; "Kearsarge," Pacific Fleet, 1868–70. Promoted to *Master*, 1870. Promoted to *Lieutenant*, 1871; "Iroquois," 1871; "Canandaigua," 1872; "Supply," 1873; "Colorado," North Atlantic Fleet, 1874–5; "Colorado" (receiving-ship), 1875–6; equipment duty, New York, 1876–7; torpedo service, 1877; "Plymouth," North Atlantic, 1877–9; "Kearsarge," as Navigator, 1879–80; Navy Yard, Boston, 1880; Navy Yard, New London, 1881–3; "Alert," China, 1883–6; last half of cruise as Executive; ordnance duty, Navy Yard, Washington, 1886–90.

Promoted to *Lieutenant-Commander* in October, 1889. Waiting orders, 1894.

Henry Buckingham Mansfield.—Born in New York; sea in clipper-sloop "Golden State." *Master's Mate*, 1861–2. Entered Naval Academy, Feb. 27, 1863; yacht "America," in search of Confederate privateers, 1863. Graduated, 1867; having served in "Marion," "Macedonian," "Winnipeg," and "Minnesota;" special service, 1867–8. Promoted to *Ensign*, 1868; "Mohongo" and "Mohican," Pacific Fleet, 1869–70; Eclipse, expedition to Liberia in 1869; commanded second launch from "Mohican," in the expedition which cut out and burned the piratical steamer "Forward," in Tecupan River, Mexico. Promoted to *Master*, 1870. Promoted to *Lieutenant*, 1871; torpedo duty, 1871; Coast Survey steamer "Hassler," Agassy Expedition, through Straits of Magellan, 1872; survey of coast of Lower California and Hydrography on California coast, 1873–4; "Michigan," 1874–5; Asiatic Squadron, "Yantic," "Saco," "Mohongo," and "Tennessee," 1875–7; Navy Yard, New York, 1877–81; "Constellation," to Ireland, special service, 1880; commanding C. S. steamer "Endeavor," 1881; commanding C. S. steamer "Gedney," 1882; commanding C. S. steamer "Bache," 1882–4; Hydrography, Jupiter Light, to Ferry Rocks and west coast of Florida; approaches to New York; "Pensacola," European Station, 1885–8; commanding C. S. S. "Hassler," hydrography, coast of California, 1888–9; commanding C. S. S. "Patterson," general survey of S. E. Alaska, 1889–93. Promoted to *Lieutenant-Commander*, January 3, 1890; R. S. "Vermont," January, 1893, to date.

Robert Emmett Carmody.—Born in New York. Entered Naval Academy, Sept. 29, 1860; graduated, 1867; "Quinnebaug," S. A. Station, 1867–70. Promoted to *Ensign*, 1868, and to *Master* 1870; torpedo duty, 1871. Commissioned as *Lieutenant*, 1871; "Terror" (iron-clad), N. A. Station, 1871–2; "Ashuelot," Asiatic Station, 1873–6; Navy Yard, New York, 1877; commanding "Intrepid," special service, 1877–9; "Trent," on European Station, 1879–81; R. S. "Colorado," 1882–3; "Yantic," N. A. Station, 1883–5; in charge of Bellevue Magazine, 1885–8; Navy Yard, Washington, 1888–9; "Alert," Pacific Station, 1889–90. Promoted to *Lieutenant-Commander*, February, 1890; Navy Yard, Washington, October, 1890, to March, 1893; "Miantonomah," special service, March, 1893, to date.

Eugene De Forest Heald.—Born in Maine. Entered Naval Academy, Sept. 29, 1863; graduated, 1867; "Susquehanna," N. A. Station, 1867–68. Promoted to *Ensign*, 1868; "Albany," flag-ship, N. A. Station, 1869–70. Promoted to *Master*, 1870; Pacific Fleet, 1871–3. Commissioned as *Lieutenant*, 1871; Naval Academy, 1874–7; "Alliance," European Station, 1877–9; Naval Academy, 1879–82; commanding Coast Survey steamer "Eagre," 1882–3; commanding Coast Survey steamer "Gedney," 1883; commanding Coast Survey steamer "Bache," 1884–5; "Brooklyn," Asiatic Station, 1885–9; Bureau of Navigation, 1889 to July, 1893. Promoted to *Lieutenant-Commander*, February 28, 1890; "San Francisco," N. A. Station, July, 1893, to date.

Frederick Martin Symonds.—Born in New York. Entered Naval Academy, Sept. 29, 1862; graduated, 1867; Asiatic Station, 1867–70. Promoted to *Ensign*, 1868; and to *Master*, 1870. Commissioned as *Lieutenant*, 1871; "Tuscarora," surveying duty in the Pacific, 1872–5; "Minnesota" (training-ship), 1876–8; "Jamestown," 1879–81; training-ship "New Hampshire," 1882–5; "Mohican," Pacific Station, 1885–9; "Michigan," on the lakes, 1889 to November, 1892. Promoted to *Lieutenant-Commander*, July 31, 1890; leave of absence, November, 1892, to date.

Edward Parker Wood.—Born in Ohio. Entered Naval Academy, Sept. 29, 1863; graduated, 1867; "Minnesota," special service, 1867–8. Promoted to *Ensign*, 1868; "Dacotah," Pacific Fleet, 1868–70. Promoted to *Master*, 1870; Pacific Fleet, 1871. Commissioned as *Lieutenant*, 1871; "Congress," special service, Europe, 1872–4; North Atlantic Station, 1875–77; "Portsmouth," special service, 1877–8; "Trenton," European Station, 1878–9; "Quinnebaug," European Station, 1879–81; Naval Academy, 1881–4; steamship "Monongahela," 1884–6; Naval Academy, 1886–90; special duty, connected with the "Concord," August, 1890, to February, 1891. Promoted to *Lieutenant-Commander*, September 20, 1890; U. S. S. "Concord," N. A. Station, February, 1891, to May, 1893; Bureau of Navigation, May, 1893, to date.

Walton Goodwin.—Born in New York. Entered Naval Academy, February 26, 1863; graduated, 1867; "Quinnebaug," S. A. Station, 1867–70. Promoted to *Ensign*, 1868; to *Master*, 1870. Commissioned as *Lieutenant*, 1871; torpedo service, 1870–1; "Terror" (iron-clad), N. A. Station, 1871–2; receiving-ship "Vermont," New York Navy Yard, 1872; "Benicia," N. P. Station, 1872–5; "Passaic" (iron-clad), N. A. Station, 1876–7; in command of "Passaic" from July 3, 1876, to November 20, 1876; "Enterprise," 1877–8; ordnance duty, Navy Yard, Portsmouth, N. H., 1878–9; "Trenton," European Station, 1879–81; Naval Academy, 1881–5; "Adams," Pacific Station, 1885–9; Naval Observatory, 1889 to September, 1892. Promoted to *Lieutenant-Commander*, October 1, 1890; U. S. S. "Lancaster," Asiatic Station, September, 1892, to date.

Albert Ross.—Born in Pennsylvania. Entered Naval Academy, July 23, 1863; graduated, 1867; "Minnesota," special service, 1867–8. Promoted to *Ensign*, 1868; "Powhatan," Pacific Fleet, 1868–9. Promoted to *Master*, 1870; retired, 1871; "Wachusett," 1873; Ossipee," 1874; restored to active list, 1874. Commissioned as *Lieutenant*, 1871; "Worcester," flag-ship, N. A. Station, 1874–5; special duty, Annapolis, 1876; "Passaic" (iron-clad), N. A. Station, 1876–7; commanding "Wyandotte," Washington, 1877–8; "Portsmouth," special service, 1878–82; Navy Yard, Washington, 1882–3; "Miantonomah," 1883; torpedo instruction, Newport, R. I., 1883; Naval Academy, 1883–6; "Alert," Pacific Station, 1887–9; torpedo instruction, Newport, R. I., 1889; "Pensacola," 1889 to May, 1890; training-ship, "Jamestown," May, 1890, to December, 1892. Promoted to *Lieutenant-Commander*, December 5, 1890; Naval Academy, December, 1892, to date.

Richardson Clover.—Born in Maryland. Entered Naval Academy from Missouri, July, 1863; graduated, June, 1867; frigate "Susquehanna," West Indies, June, 1867, to January, 1868. Promoted to *Ensign*, December 18, 1868; flag-ship "Albany," North Atlantic Station, March, 1868, to October, 1869; Naval Observatory, October, 1869, to March, 1870. Promoted to *Master*, March 21, 1870; instruction in signal duty, at Fort Myer, from March to July, 1870; "Michigan," on lakes, July, 1870, to January, 1871. Promoted to *Lieutenant*, March 21, 1871; "Ticonderoga," South Atlantic Station, January, 1871, to February, 1874; "Michigan," on lakes, April to May, 1874; "Hassler," Coast Survey, Pacific Coast, June, 1874, to October, 1877; Hydrographic office, Washington, January to February, 1878; "Wyoming," as Navigator, European Station, February, 1878, to June, 1881; Coast Survey Office, Washington, 1881–2; commanding Coast Survey schooner "Palinurus," 1882–3, survey Long Island Sound; special duty, 1882–3, superintending construction of steamer "Patterson," at Brooklyn,

N. Y.; commanding Coast Survey steamer "Patterson," March, 1884, to March, 1886,—season of 1884 from New York to San Francisco; 1885–6, in charge of survey of Southeast Alaska; March, 1886, granted one year's leave, with permission to go abroad; June to September, 1887, Torpedo Station, Newport; September, 1887, to January, 1888, in attendance at Naval War College; U. S. S. "Pensacola," as Navigator, North Atlantic Station, March 6, 1888; transferred to "Dolphin," as Executive, December 1, 1888; special cruise round the world; detached, December 1, 1889; Hydrographer, Bureau of Navigation, Washington, December, 1889, to June, 1893. Promoted to *Lieutenant-Commander*, May 19, 1891; leave of absence, June, 1893, to date.

James Madison Miller.—Born in Missouri. Entered Naval Academy, September 21, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Jamestown," Pacific Fleet, 1868–70. Promoted to *Master*, 1870; "Kansas," T. and D. Expedition, 1870–72. Commissioned as *Lieutenant*, 1871; special duty, Washington, 1873; "Monongahela," S. A. Station, 1873–5; "Franklin," flag-ship, European Squadron, 1875–6; Naval Academy, 1876–80; training-ship "Constitution," 1880–81; training-ship "Minnesota," 1881–2; "Hartford," Pacific Station, 1882–4; "Lackawanna," Pacific Station, 1884–5; special torpedo service, 1885; Naval Academy, 1885–8; "Omaha," Asiatic Station, 1888 to August, 1891; ordnance duty, Navy Yard, Washington, August, 1891, to August, 1892. Promoted to *Lieutenant-Commander*, May 29, 1891; "Monocacy," Asiatic Station, August 2, 1892.

Frederick May Wise.—Born in Washington, D. C. Entered the service as *Master's Mate*, in the U. S. Gunboat Flotilla, Western waters, by appointment of Flag-Officer A. H. Foote, January 1, 1862, on staff duty, Cario, Ill.; February, 1862, ordered to the gunboat "Lexington," in expedition up the Tennessee River, and action at Pittsburg Landing, March, 1862, and evacuation of Columbus, Ky., March, 1862; at battle of Shiloh, April 6 and 7, 1862; in action at Fort St. Charles, White River, Arkansas, June, 1862, between the flotilla, under Captain A. H. Kilty, and Confederates under Jos. B. Fry, ex-lieutenant U. S. N., when the "Mound City" was blown up; July, 1862, detached from the "Lexington" and ordered to ordnance duty, Cairo, Ill. Promoted to *Fourth Master*, August, 1862, and ordered to recruiting service, Chicago; resigned from the volunteer service, September 25, 1862, to enter the Naval Academy as a *Midshipman*; graduated, June, 1867; ordered to ordnance duty, Portsmouth, N. H., June, 1862, and to flag-ship "Piscataqua," Asiatic Squadron, October, 1862. Promoted to *Ensign*, January, 1869; ordered to the "Iroquois," November, 1869; detached and promoted to *Master*, May, 1870; ordered to "Shenandoah," European Squadron, July, 1870, and "Guerriere," September, 1871; detached and promoted to *Lieutenant* in March, 1872; ordered to the "Frolic," Port Admiral's flag-ship, New York Station, in May, 1872, and as Flag-Lieutenant to Vice-Admiral Rowan; detached and ordered to flag-ship "Worcester," N. A. Station, August, 1875, and to flag-ship "Hartford," January, 1876; detached and ordered to the Naval Academy, August, 1877; detached and ordered to the "Despatch," special service, September, 1880; detached and ordered to the Naval Academy, August, 1883; detached and ordered to the "Trenton," June, 1887, and to the flag-ship "Lancaster," S. A. Station, September, 1887; Superintendent Naval War Records, October, 1889, to June, 1893. Promoted to *Lieutenant-Commander*, June 25, 1891; training-ship "Monongahela," June, 1893, to date.

John Van Benthuysen Bleecher.—Born in New York. Entered Naval Academy, October 9, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Congress," N. A. Fleet, 1869–72. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; torpedo service, 1873; "Colorado," N. A. Station, 1873–4; "Frolic," S. A. Station, 1875–7; Navy Yard, Washington, 1877–8; Naval Academy, 1878–81; training-ship "Minnesota," 1881; training-ship "New Hampshire," 1881–2; "Kearsarge," N. A. Station, 1882–3; training-ship "Minnesota," 1883–4; "Hartford," Pacific Station, 1884–7; inspector of steel, new cruisers, 1887–8; R. S. "New Hampshire," 1888–9; Torpedo Station, 1889–90; "Essex," S. A. Station, April, 1890, to August, 1893. Promoted *Lieutenant-Commander*, June 30, 1891; Navy Yard, Boston, August, 1893, to date.

Andrew Dunlap.—Born in New York. Entered Naval Academy, April 23, 1862; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Jamestown," Pacific Fleet, 1868–70. Promoted to *Master*, 1870; and commissioned as *Lieutenant*, 1871; "Worcester," flag ship, N. A. Fleet, 1871–4; R. S. "Sabine," 1874–6; Hydrographic Office, 1877–8; "Powhatan," N. A. Station, 1877–81; Torpedo Station, 1881; ordnance duty, Navy Yard, Washington, 1881–2; Assistant to Light-House Inspector, 1882–3; "Kearsarge," European Station, 1883–4; "Lancaster," European Station, 1884–6; ordnance duty, Navy Yard, Washington, 1887–9; "Dolphin," N. A. Station, 1889 to June, 1891; U. S. S. "Bennington," S. A. Station, June, 1891, to August, 1893. Promoted to *Lieutenant-Commander*, August 2, 1891; Navy Yard, Washington, August, 1893, to date.

Richard Rush.—Born in Pennsylvania. Entered Naval Academy, September 23, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Mohongo," Pacific Fleet, 1868–70. Promoted to *Master*, 1870; and commissioned as *Lieutenant*, 1871; Coast Survey, 1871–74; Navy Yard, Philadelphia, 1875–6; "Vandalia," European Squadron, 1876–8; Naval Academy, 1879–82; "Juniata," Asiatic Station, 1882–6; Bureau of Navigation, 1886–9; training-ship "Portsmouth," 1889–92. Promoted to *Lieutenant-Commander*, September 27, 1891; Superintendent Naval War Records, May, 1893, to date.

Edward Hickman Gheen.—Born in Pennsylvania. Entered Naval Academy, Sept. 24, 1862; graduated, 1867; flag-ship "Delaware," Asiatic Squadron, 1867–70. Promoted to *Ensign*, Dec. 18, 1868; to *Master*, March 21, 1870; signal duty, Washington, D. C., 1871. Promoted to *Lieutenant*, March 21, 1871; iron-clad "Mahopac" and R. S. "New Hampshire," 1872; ordered to store-ship "Supply," April 1, 1872; and on her arrival at Rio Janeiro, ordered to flag-ship "Lancaster," 1872–5; R. S. "Potomac" and training-ship "Constitution," 1875–6; "Alliance," European Station, 1877–79; League Island, 1880–7; Torpedo Station, 1881; flag-ship "Tennessee," 1882–3; Naval Academy, 1883–7; "Constellation," practice cruise, 1884; "Yantic," as Executive, 1887–90; Inspector of Steel, Pittsburgh, Pa., October, 1890, to May, 1891; charge Branch Hydrographic Office, Philadelphia, May, 1891, to April, 1893. Promoted to *Lieutenant-Commander*, October 2, 1891; Navy Yard, League Island, April, 1893, to date.

Wells Laflin Field.—Born in Missouri. Entered Naval Academy, Nov. 26, 1862; graduated, 1867; Asiatic Squadron, 1867–70. Promoted to *Ensign*, 1868; to *Master*, 1870. Commissioned as *Lieutenant*, 1871; next attached to the store-ship "Supply," and sailed in her when she took provissions to France after the Franco-Prussia war, leaving New York in March, 1871, and returning in July; in September, joined the Coast Survey steamer

"A. D. Bache," and detached in February, 1872; in March, 1872, went with a draft of men *via* Panama, to Mare Island; joined the "Lackawanna," and sailed in her for a second cruise in China, returning in November, 1873; in March, 1874, joined the "Franklin" at Key West, and made a cruise in Europe on her, returning in December, 1876; then on Light-House duty at Tompkinsville, Staten Island, until July, 1880; in November, 1879, was placed in command of the Light-House steamer "Manzanita," and took her to San Francisco, returning to Light-House duty until the following July, 1880; then went to China, as the Flag-Lieutenant of Admiral Clitz, remaining in the same position with Admiral Crosby; returned in March, 1884; then to duty in the Branch Hydrographic Office, in New York, until April, 1886; then to the "St. Mary's," until April, 1889; then the summer at the Torpedo School and Naval War College, until November, 1889, and joined the "Charleston," December 5, 1889, to September, 1893. Promoted *Lieutenant-Commander*, November 5, 1891; R. S. "Minnesota," September, 1893, to date.

Harrison Gray Otis Colby.—Born in Massachusetts. Entered Naval Academy, September 24, 1862; graduated, 1867; Asiatic Squadron, 1868–70. Promoted to *Ensign*, 1868; to *Master*, 1870. Commissioned as *Lieutenant*, 1871; Navy Yard, Boston, 1871; "Congress," special service, 1871–2; "Shenandoah," European Fleet, 1873–4; torpedo duty, 1874; "Tennessee" (second-rate), 1875; European Station, 1877; "Marion," 1877–8; "Trenton," European Station, 1878–80; commanding C. S. S. "Eagre," 1880–82; training-ship "Saratogo," 1882–5; assistant to Light-House Inspector, 1885–9; "Yorktown," Squadron of Evolution, 1889, to December, 1891; assistant to Inspector of Second Light-House District, December, 1891, to date. Promoted to *Lieutenant-Commander*, November 20, 1891.

Leavitt Curtis Logan.—Born in Ohio. Entered Naval Academy, February 26, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; Pacific Fleet, 1868–70. Promoted to *Master*, 1870; and commissioned as *Lieutenant*, 1871; January to September, 1871, special duty at Navy Department; "Wabash," flag-ship, European Station, 1871–3; torpedo duty, 1874; "Tennessee," Asiatic Squadron, 1875–7; Naval Academy, 1877–80; "Powhatan," special service, 1880–1; training-ship "Portsmouth," 1881–3; training-ship "New Hampshire," 1883–4; Naval War College, 1884–7; "Ossipee," N. A. Station, 1887–9; Recorder Board Inspection, 1889, to November, 1892. Promoted to *Lieutenant-Commander*, December 16, 1891; "Philadelphia," Pacific Station, November, 1892, to date.

Conway Hillyer Arnold.—Born in New York City. Entered Naval Academy, September 29, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Powhatan," Pacific Fleet, 1868–70; flag-ship "Severn," N. A. Station, Aide to R. A. Poor, 1870–1. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; R. S. "Vermont," 1871; Aide to P. A. Stringham, 1871–2; "Wasp," South Atlantic Station, 1872–4; Naval Observatory, 1874–5; "Hartford," flag-ship, North Atlantic Station, 1875–7; "Powhatan," N. A. Station, Flag-Lieutenant and secretary R. A. Trenchard, 1877–8; commanding "Wyandotte," Navy Yard, Washington, 1878–81; "Lancaster," European Station, secretary to R. A. Nicholson, 1881–2; "Miantonomah," special service, 1882–3; "Nipsic," S. A. Station, 1883–6; Navy Yard, New York, 1886–9; secretary to R. A. Gherardi, N. A. Station, 1889, to June, 1893. Promoted to *Lieutenant-Commander*, January 10, 1892; Navy Yard, New York, June, 1893, to date.

Edward William Sturdy.—Born in Massachusetts. Entered Naval Academy, February 26, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Pensacola," Pacific Fleet, 1868–70. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; special duty, Washington, 1871; Hydrographic Office, 1872; "Wasp," South Atlantic Fleet, 1872–6; Naval Observatory, 1876–8; "Ticonderoga," special service, 1878–81; Nautical Almanac Office, 1881–4; temporary superintendent Nautical Almanac, 1882; assistant superintendent Nautical Almanac Office, 1883–4; "Quinnebaug," European Station, 1884; "Kearsarge," European Station, 1884–7; ordnance duty, Navy Yard, Washington, 1887–9; "Baltimore," Pacific Station, 1889, to April, 1893. Promoted to *Lieutenant-Commander*, April 3, 1892; training-ship, "Richmond," April, 1893, to date.

William Sheffield Cowles.—Born at Farmington, Connecticut. Appointed to Naval Academy, July 21, 1863; graduated, 1867; "Minnesota," in Mediterranean Squadron, 1867–8; "Pensacola" and "Saginaw," in North Pacific Squadron, 1868–70. Promoted to *Ensign*, 1869, and *Master* in 1870; Naval Observatory, Washington, D. C., 1870; Torpedo Station, Newport, R. I., 1871. Promoted to *Lieutenant* in 1871; practice gunnery-ship, "Constellation," 1872; "Alaska," Mediterranean, West Indies, 1873; "Alaska," coast of Africa, 1874–5–6; "Tennessee" and "Monocacy," China Station, 1877–8–9 and 1880; Navy Yard, New York, 1881–2; Flag-Lieutenant, N. Atlantic Squadron, 1882–3–4; Secretary of Board of Inspection, merchant ships, N. Y. City (during this detail served three weeks on Isthmus of Panama guarding the transit across the Isthmus, and property of Panama R. R. Co., and property of American citizens on the Isthmus), 1884–5–6; in command of "Despatch," 1887–8–9 and 1890–1; Naval Aide to Secretary of Navy, and in charge of Naval militia, 1891–2. Promoted to *Lieutenant-Commander*, 1892; Naval Attaché, U. S. Embassy, London, his present duty, 1893.

Charles Olden Allibone.—Born in Pennsylvania. Entered Naval Academy, July 23, 1863; graduated, 1867; Asiatic Station, 1867–70. Promoted to *Ensign*, 1868; to *Master*, 1870. Commissioned as *Lieutenant*, 1872; "Ticonderoga," S. A. Fleet, 1870–3; R. S. "Independence," 1874; "Tuscarora," N. P. Station," 1874–6; League Island Station, 1877; Torpedo Station, 1877–8; "Vandalia," N. A. Station, 1878–81; "Lancaster," European Station, 1881–2; "Galena," S. A. Station, 1882–3; Navy Yard, Portsmouth, N. H., 1883–5; "Dolphin," N. A. Station, 1885–9; Naval Station, New London, 1889–90; ordnance duty, Navy Yard, Washington, September, 1890, to November, 1892; Promoted to *Lieutenant-Commander*, May 28, 1892; Assistant Inspector of "Columbia," November, 1892, to date.

Edward David Taussig.—Born in Missouri. Entered Naval Academy, July 23, 1863; graduated, 1867; "Minnesota," special cruise, July and December, 1867. *Ensign*, December, 1868; "Wateree," "Powhatan," "Onward," and "Resaca," South Pacific Station, January, 1868, to April, 1870; commended by Commander Gillis, in his report to the Secretary of the Navy, for services during earthquake at Arica, August 13, 1868. *Master*, March, 1870; *Lieutenant*, January 1, 1872; "Narraganset," October, 1870, to October, 1873, cruising and surveying in the Pacific under Commander R. W. Meade, and surveying the coast of Lower California under Commander George Dewey; torpedo station, June and September, 1874; Hydrographic Office, October–December, 1874; Panama Inter-oceanic Canal Survey, January–August, 1875; commanding R. S. "Relief," September, 1875; in temporary charge Department of Yards and Docks, Washington Navy Yard, October, 1875, to April, 1876; "Juniata," and "Monongahela," April, 1876, to Jan-

uary, 1877; "Trenton," flag-ship, European Station, January, 1877, to January, 1880; Naval Academy, June, 1880, to May, 1883; commanding Coast Survey steamer "McArthur" from May, 1883, to February, 1886; commanding Coast Survey steamer "Hassler," February to August, 1886; engaged in hydrographic surveys near Cape Mendocino and Piedras Blancos, California; training-ship "Jamestown," September 1, 1886, to December, 1887; duty in the Navy Department from December, 1887, to December, 1890; December, 1890, ordered to special duty as Assistant to Commodore R. W. Meade, Representative of the Navy Department on the Board of Management U. S Government Exhibit, and in May, 1893, ordered to relieve Commodore Meade as the Representative of the Navy Department on the Board of Management U. S. Government Exhibit, where he is stationed at present date. *Lieutenant-Commander*, June 19, 1892.

John Elliott Pillsbury.—Born in Massachusetts. Entered Naval Academy, September, 22, 1862; graduated, 1876; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; Navy Yard, Boston, 1869–70. Promoted to *Master*, 1870; "Colorado," flag-ship, Asiatic Fleet, 1870–2. Commissioned as *Lieutenant*, 1871; torpedo duty, 1873; "Swatara," special service, 1875; Coast Survey, 1875–7; Hydrographic Office, 1878–9; "Kearsarge," N. A. Station, 1879–82; Coast Survey Office, 1882–4; commanding C. S. S. "Black," 1884–9; Coast Survey Office, 1890, to February, 1891; "Newark," February, 1891, to July, 1893. Promoted to *Lieutenant-Commander*, July 1, 1892; Navy Yard, Boston, July, 1893, to date.

William Heron Reeder.—Entered Naval Academy, Sept. 25, 1862; graduated, 1877; "Piscataqua," flag-ship, Asiatic Squadron, 1857–8. Commissioned as *Ensign*, 1868; "Unadilla," Asiatic Squadron, 1868; "Delaware," flag-ship, Asiatic Squadron, 1869–70. Commissioned as *Master*, 1870; signal duty, Fort Myer, Va., 1870; "Wabash," flag-ship, European Squadron, 1871–2; "Shenandoah," European Squadron, 1873; Navy Yard, Boston, Mass., 1874; Navy Yard, Philadelphia, 1874–6; "Powhatan," North Atlantic Squadron, 1877–80; special duty, Naval Department, 1880–1; Navy Yard, Portsmouth, N. H., 1881–3; Torpedo Station, 1883; commanding "Despatch," special service, 1884–5; Expedition to Isthmus of Panama, 1885; special duty in Navy Department, 1885–6; "Galena," North Atlantic Squadron, 1886–9; Bureau of Equipment and Recruiting, 1889–90; Naval Academy, July, 1890, to June, 1893. Promoted to *Lieutenant-Commander*, December 4, 1892; "Charleston," Pacific Station, June, 1893, to date.

Daniel Delehanty.—Born in New York. Entered Naval Academy, September, 25, 1862; graduated, 1867; Asiatic Fleet, 1867–9; Pacific Fleet, 1870. Promoted to *Ensign*, 1867; to *Master*, 1870. Commissioned as *Lieutenant*, 1872; Navy Yard, Mare Island, 1871; "Saranac," Pacific Fleet, 1872–4; R. S. "Independence," 1874; R. S. "Colorado," 1875; "Catskill" (iron-clad), N. A. Station, 1875–6; "Lackawanna," N. Pacific Station, 1876–8; Naval Academy, 1878–81; "Constellation," special service, 1881; Naval Academy, 1881–2; "Adams," Pacific Station, 1882–4; Mare Island, Navy Yard, 1884–5; "Wachusett," Pacific Station, 1885; R. S. "Independence," 1885–8; member Board of Inspection, San Francisco, 1888–9; commanding C. S. S. "Hassler," 1889, to October, 1893. Promoted to *Lieutenant-Commander*, January 9, 1893; Supervisor N. Y. Harbor, October 2, 1893, to date.

Frank William Nichols.—Born in Massachusetts. Entered Naval Academy, September 22, 1863; graduated, 1867; "Wasp," S. A. Station, 1867–70. Promoted to *Ensign*, 1868; to *Master*, January 13, 1869; ordered

to steamer "Idaho" Asiatic Squadron, May 9, 1869; ordered to steamer "Monocacy," Asiatic Squadron, August 3, 1869; ordered to "Enterprise," special service, 1877–80; Navy Yard, Boston, 1880–2; R. S. "Wabash," 1882–3; "Alert," Asiatic Station, 1883–4; "Monocacy," Asiatic Station, 1884–7; R. S. "New Hampshire," 1887–9; "Pensacola," special service, 1889–90; leave of absence, October, 1890, to June, 1891; training-ship "Richmond," June, 1891, to September, 1892; "Constellation," special service, September, 1892, to June, 1893. Promoted to *Lieutenant-Commander*, January, 25, 1893; sick leave, June, 1893, to date.

Charles Carpenter Cornwell.—Born in New York. Appointed as *Acting Midshipman* at Naval Academy, September, 24, 1864; graduated, 1868; European Station, 1868–9. Promoted to *Ensign*, 1869; torpedo duty, 1870. Promoted to *Master*, 1879; "Tennessee" (second-rate), special service, 1880–1; "Wachusett," European Station, 1871–2; European Squadron, 1873–4. Commissioned as *Lieutenant*, 1872; North Atlantic Station, 1874–7; "Palos," Asiatic Station, 1877–8; S. S. "Blake," 1881–2; "Powhatan," special service, 1882–4; Naval Observatory, 1884–5; Superintendent of Compasses, 1885–7; "Quinnebaug," European Station, 1887–9; Nautical School-ship "St. Mary's," 1888–90; leave of absence, December, 1890, to July, 1893. Promoted *Lieutenant-Commander*, February, 7, 1893; "Newark," S. A. Station, July, 1893, to date.

Royal Rodney Ingersoll.—Born in Michigan. Entered Naval Academy July, 23, 1864; graduated, 1868; European Station, 1868–9. Promoted to *Ensign*, 1869; "Miantonomah" (iron-clad), special service, 1869–70. Promoted to *Master*, 1870; "Plymouth," European Squadron, 1870–2; "Kansas," North Atlantic Station, 1872–3; "Juniata," European Squadron, 1874. Commissioned as *Lieutenant*, 1872; "Yantic," Asiatic Station, 1875; and "Kearsarge," same station, 1875–6; Naval Academy, 1876–9; "Pensacola," Pacific Station, 1879–80; Naval Observatory, 1882–3; Naval Academy, 1883–5; practice-ship "Constellation," 1885; Naval Academy, 1885–87; "Enterprise," European Station, 1887–90; Naval Academy, December, 1890, to date. Promoted to *Lieutenant-Commander*, February 25, 1893.

Robert Mathew Guy Brown.—Born in Western Virginia. Appointed from that section by his uncle, Hon. William G. Brown; entered Naval School at Newport, July, 1864; graduated, June, 1868, number three in a class of eighty; served as Midshipman on North Pacific Station, on board of "Saranac," "Lackawanna," and "Pensacola." Promoted to *Ensign*, 1869; to *Master*, 1870; sailed from New York on the "Alaska," in April, 1870, for China; made a three years cruise in that vessel; took part in the Corean Expedition; commanding the sailors landed as infantry from that ship; was in the final charge of Fort McKee, and was mentioned by name in the official report of the action as among those first in the fort. Commissioned as *Lieutenant*, April 13, 1872; ordered to the "New Hampshire," at Norfolk, in October, 1873; served on the "New Hampshire" until June, 1874, when he was ordered to the Torpedo School, at Newport; in October of same year, was ordered as Executive of the "Despatch;" ordered to "Swatara," June, 1875; served on West India Station until March, 1877, when he was ordered to the Naval Academy as Instructor of Navigation and Surveying; ordered to command the torpedo ram "Alarm," June 11, 1878; $20,000 having been appropriated to fit the Mallory propeller to this vessel, he was ordered to carry on an extensive series of experiments to fully test its value; having completed this experimental duty in a manner entirely satisfactory to the Navy Department, he was ordered to the flagship "Lancas-

ter," in August, 1881, and served on the European Station until the following June, when he was severely wounded in the line of duty, having his breast-bone broken; when convalescent he was invalided home, and again put on special duty; May, 1884, was ordered to the "Lackawanna," on South Pacific Station. It was shortly after this that Lieutenant Brown made his well-known report, adverse to the Panama Canal; all previous reports were favorable to the enterprise, but none were after. While on the Isthmus he contracted Chagres fever and had to return home in 1885; served at Navy Yard, Norfolk, as Navigation Officer, until May, 1887. In October, 1887, he was ordered as Navigating Officer of the flag-ship "Trenton," bound for the Pacific. He was specially commended to the Navy Department by the senior officer for the manner in which he navigated the "Trenton" through the Straits of Magellan and Smyth's Sound. During the memorable gale at Samoa, Lieutenant Brown maintained his reputation in a remarkable degree. Captain Farquhar, of the "Trenton," in his report of the hurricane, which report was approved and forwarded by Rear-Admiral Kimberly, says, "Lieutenant Brown, the navigator, was by my side the whole time, and to his excellent judgment, one time at least, the ship was cleared of a reef. Had we struck it I fear few of the four hundred and fifty people on board of the 'Trenton' would be alive to-day." In a letter to Rear-Admiral Kimberly, dated April 27, 1889, the Secretary of the Navy says: "The flag-ship, now without steam or rudder, her anchors dragging, drifted almost at the mercy of the gale along the edges of the eastern reef, at times not more than twenty feet from total destruction. Every endeavor was made to control her movements, and her commanding officer states in his report that upon at least one occasion it was through the excellent judgment of Lieutenant R. M. G. Brown, the Navigating Officer, that the ship cleared the reef and the four hundred and fifty lives on board were saved." It was while handling the ship on this occasion that Navigating Officer Brown put the ship's company in the rigging, thus making a living sail, which was as effective as it was unprecedented. October 1, 1889, Lieutenant Brown was ordered as senior assistant in the office of the Judge Advocate General of the Navy. In February, 1891, he was, at the suggestion of Mr. Blaine, detailed by the President as Executive and Disbursing Officer of the Inter-continental Railway Commission. The survey, connecting the railways of the North with those of Argentine Republic having been accomplished, Lieutenant-Commander Brown is now settling his accounts. Promoted to *Lieutenant-Commander*, April 27, 1893.

Adolph Marix.—Born in Saxony. Entered Naval Academy, September 26, 1864; graduated, 1868; European Station, 1868–9. Promoted to *Ensign*, 1869; "Congress," special service, 1870–1. Promoted to *Master*, 1870; "Canandaigua," North Atlantic Station, 1871–2. Commissioned as *Lieutenant*, 1872; "Worcester," flag-ship, North Atlantic Station, 1872–4; "Saco," Asiatic Station, 1874–6; and "Tennessee," same station, 1876–7; "Trenton," European Station, 1878–9; Hydrographic Office, 1879–80; training-ship, "Minnesota," 1880–1; receiving-ship "Colorado," 1881–2; "Brooklyn," South Atlantic Station, 1882–3; "Richmond," Asiatic Station, 1883–4; "Trenton," Asiatic Station, 1884–5; "Enterprise," Asiatic Station, 1885–6; Judge-Advocate General's Office, 1886; special duty, Australia, 1888–9; training-ship "Jamestown," 1889–90; "Philadelphia," N. A. Station, July, 1890 to June, 1892; charge branch Hydrographic Office, New York, June, 1892 to date. Promoted *Lieutenant-Commander*, May 9, 1893.

Duncan Kennedy.—Born in Albany, New York. Entered Naval Academy, July 20, 1864; graduated, 1868; "Delaware" and "Iroquois," Asiatic Station, 1868–70. Promoted to *Ensign*, 1869; to *Master*, 1870; "Guerriere," European Station, 1870–2. Promoted to *Lieutenant*, 1872; Torpedo Station, 1872–3; "Pensacola," Pacific Station, 1873–6; Naval Academy, 1876–9; practice-steamer "Mayflower," 1876–7; "Pensacola," Pacific Station, 1879–82; Naval Academy, 1882–4; practice-ship "Dale," 1883; "Lancaster," European Station, 1884–5 "Lancaster," South Atlantic Station, 1885–7; War College, Newport, 1887–9; Secretary to Navy Yard Site Commission, Gulf of Mexico and South Atlantic Coasts, 1889; Board of Organization, 1889–90; "Yorktown," Pacific Squadron, July, 1890 to June, 1893; Torpedo Station, Newport, June, 1893, to date. Promoted *Lieutenant-Commander*, May 15, 1893.

James Douglas Jerrold Kelley.—Born in New York City. Appointed at large by President Lincoln and entered U. S. Naval Academy, October 5, 1864; was graduated in 1868; European Station, "Ticonderoga," "Franklin" (flag ship), "Richmond," "Guard." Promoted to *Ensign*, 1869; equipment duty, Navy Yard, New York; signal duty, Fort Whipple, Virginia, 1870; qualified as Signal-Officer; ordered as such to the Pacific Station; "Ossipee" (flag-ship), "Pensacola," "Saranac," "Resaca;" charge of a party Darien Survey. Promoted to *Master*, 1870; to *Lieutenant*, 1872; 1873, "Frolic," Port Admiral's flag-ship, New York; torpedo duty, Newport; "Congress," coast of Africa, 1874; invalided home; Naval Rendezvous, New York, 1876; "Minnesota," 1877; Executive of nautical school-ship "St. Mary's," 1878; "Michigan," special duty on Great Lakes, 1879; Hydrographic Office, 1880; "Nipsic," West Indies;" ordnance duty, command of experimental battery, Annapolis, 1881; "Despatch;" Secretary to Rear-Admiral, "Tennessee," flag-ship North Atlantic Station, 1882; Board of Inspection of Foreign Ships, 1883; torpedo duty, Judge Advocate General's Office, 1884; "Tallapoosa," South Atlantic Station, 1885; "Pensacola," special duty, 1888; "Kearsarge," flag-ship North Atlantic Station, 1889; "Yantic," North Atlantic Station, July, 1890, to November, 1891; waiting orders, November, 1891, to March, 1892; member Board on Ships' boats, March, 1892, to July, 1893; receiving-ship "St. Louis," July, 1893, to date. Commended in General Orders by Secretary of the Navy for services in Hayti. Prize Essayist and Gold Medalist U. S. Naval Institute, 1881; author of "The Question of Ships," 12mo.; "American Yachts," (4to.), with folio plates; "A Desperate Chance," 12mo.; "Typical Yachts," folio, and of "Armored Vessels," 12mo. Co-author of "Modern Ships of War" (4to.) and of "The Barbarby Corsairs," 12mo. Author of the "Monthly Pilot Chart," of "Proceedings of Courts Martial and Boards," of "The Story of Coast Defence," of "American Men o'-War," of a "History of the Naval Experimental Battery," of "Our Navy, its Growth and Achievements," regal, 24 colored plates, a book of 300 pp., issued in 1894, and of numerous literary and professional articles and pamphlets.

Jefferson Franklin Moser.—Entered Naval Academy, at Newport, September 20, 1864; graduated Naval Academy, Annapolis, June 2, 1868; European Squadron, "Swatara," "Kenosha," "Guard," October 1868, to October, 1869. Promoted to *Ensign*, April, 1869; Darien Expedition, November, 1869 to July, 1870. Promoted to *Master*, July, 1870; "Guerriere," European Squadron, August, 1870, to February, 1872; Nicaragua Expedition, February, 1872 to November, 1873. Commissioned as *Lieutenant*, August, 1872; "Despatch" as Executive, November, 1873 to October, 1874; Panama Expedition, December, 1874 to September, 1875; Coast Sur-

veying in command schooner "Bache," and steamers "Endeavor" and "Faltomer," September, 1875 to March, 1880; "Galena," European and South Atlantic Squadrons, August, 1880 to September, 1883; Coast Survey Office and command steamer "Bache," January, 1884 to July, 1890; Navigator cruiser "San Francisco," July, 1890 to March, 1893; Coast Survey Office, March 1893 to October, 1893. Commissioned *Lieutenant-Commander* June, 1893; Hydrographic Inspector, Coast Survey, (his present duty), October, 1893. Leveled the accepted route of the Nicaragua Canal in 1872–3 and the De Lesseps route in 1875.

Raymond Perry Rodgers.—Born in District of Columbia. Entered Naval Academy July 25, 1864; graduated, 1868; "Guerriere," flag-ship, S. A. Fleet, 1868–9. Promoted to *Ensign*, 1869; "Franklin," flag-ship, European Fleet, 1869–71; "Juniata," same fleet, 1871–3. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1872; Naval Academy, 1873–6; "Pensacola," flag-ship, Pacific Fleet, 1876–9; Naval Academy, 1879–82; "Tennessee," N. A. Squadron, 1882–4; Bureau of Navigation, 1884; Chief Intelligence Officer, 1884–9; "Chicago," Squadron of Evolution, 1889, to October, 1892; Naval Attaché Paris and St. Petersburg, October, 1892, to date. Promoted *Lieutenant-Commander*, July 4, 1893.

Robert Thompson Jasper.—Born in New York. Entered Naval Academy, July 21, 1864; graduated, 1868; "Nipsic," N. A. Fleet, 1868–70. Promoted to *Ensign*, 1869; and to *Master*, 1870; T. and N. Surveying Expedition, 1870–1; "Wabash," flag-ship, European Fleet, 1871–3. Commissioned as *Lieutenant*, 1872; S. A Station, 1874–6; Naval Academy, 1876–80; "Powhatan," special service, 1880–3; Naval Academy, 1883–6; training-ship "Jamestown," 1886; training-ship "Constellation," 1886–9; Coast Survey Office, 1889, to May, 1893; "Bennington," S. A. Station, May, 1893, to date. Promoted to *Lieutenant-Commander*, July 4, 1893.

Seaton Schroeder.—Born in District of Columbia. Entered Naval Academy, September 26, 1864; graduated, 1868; Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Benicia," Asiatic Station, 1869–72. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1872; "Pinta," N. A. Station, 1873; "Swatara," 1874–5; Hydrographic Office, 1876; "Gettysburg," special service in Mediterranean, 1876–8; Hydrographic Office, 1878–80; "Despatch," special service, 1881–2; Fish Commission steamer "Albatross," 1882–6; special duty, Bureau of Navigation, 1885–6; office Naval Intelligence, 1886–8; special duty, "Vesuvius," 1888–90; commanding "Vesuvius," N. A. Station, June, 1890, to June, 1893; leave of absence June, 1893, to October, 1893; Ordnance Inspector Navy Yard, Washington, October, 1893, to date. Promoted *Lieutenant-Commander*, September 27, 1893.

Franklin Jeremiah Drake.—Born in Talis, Orleans County, New York. Entered Naval Academy, July 24, 1863; graduated, 1868; "Gettysburg," West Indies, 1868; gunboat "Penobscot," N. A. Fleet, 1868–9; "Frolic," N. A. Station, 1869. Promoted to *Ensign*, 1869; signal duty, 1870. Promoted to *Master*, 1870; "Colorado," Asiatic Fleet, 1870–1; "Benicia," Asiatic Squadron, 1871; commanded Company B, in the assault by land forces made on the Corean forts at Seoule, 1871; "Monocacy," Asiatic Squadron, 1872; "Colorado," Asiatic Fleet, 1872–3. Commissioned as *Lieutenant*, 1872; Torpedo Station, 1873; "Terror," N. A. Station, 1873; "Portsmouth," N. P. Fleet, 1874; "Pensacola," Pacific Squadron, 1874; Ordnance Department, Mare Island Navy Yard, 1875–6; Coast Survey, "Hassler," 1876–8; "Powhatan," N. A. Station, 1878; "Ticonderoga,"

special service, 1878–81; commanded Surveying Expedition into the interior of Africa, West Coast, and mapped out the head-waters of the St. John River, 1879; Navy Yard, New York, 1881–3; special duty, Advisory Board, 1883–5; "Pensacola," European Station, 1885; "Quinnebaug," European Squadron, 1886–7; "Pensacola," European Squadron, 1887–8; inspector construction torpedo boat, No. 1, "The Cushing," 1888; inspector construction of the Howell Torpedo for new navy, 1889, to June, 1893; Assistant Inspector of "Montgomery," June, 1893, to date. Promoted to *Lieutenant Commander*, October 1, 1893.

LIEUTENANT-COMMANDERS ON THE RETIRED LIST.

Retired in conformity with the Twenty-Third Section of the Act of August 3, 1861.

Antoine Reilke McNair.—Born in Louisiana. Appointed from Missouri, September 22, 1856; Naval Academy, 1856–60; sloop-of-war "Preble," 1857; sloop-of-war "Plymouth," 1859; *Midshipman*, June, 1860; sloop-of-war "Seminole," 1860–2; off Charleston, South Carolina, from August to September, 1861; in Potomac River, September and October, 1861; engaged with batteries at Freestone Point, Virginia, September, 1861; and with batteries at Evansport, Virginia, October, 1861. Promoted to *Master*, August, 1861; battle of Port Royal, South Carolina, November 7, 1861 (slight splinter wound in hand); boat operations in the sounds of South Carolina and Georgia, November and December, 1861; boat and other operations incident to the cutting off of Port Pulaski, Georgia, January, February, and March, 1862; expedition to Fernandina, Florida, March, 1862; Skiddaway battery, Georgia, March, 1862; in Hampton Roads, Virginia, in front of the ram "Merrimac" and consorts, April and until May 10, 1862; engaged with battery at Sewell's Point, and capture of Norfolk, May, 1862. Promoted to *Lieutenant*, July, 1862; sloop-of-war "Powhatan;" off Charleston, South Carolina, 1862–3; engaged in attack on Fort Sumter and defences of Charleston, South Carolina, April, 1863; engaged in the capture of batteries on Morris Island, South Carolina, July, 1863 (slight wound in head); engaged in the attack of September 8, 1863, on the defences of Charleston, South Carolina; "Powhatan," West India Squadron, from October, 1863, to June, 1864; in command of S. S. "Gemsbok," West Indies, from June to August, 1864; "Powhatan," August to October, 1864; frigate "New Ironsides," 1864–5; engaged in attack on Fort Fisher, North Carolina, December 24 and 25, 1864; also in the capture of Fort Fisher and defences of Cape Fear River, North Carolina, January 13–15, 1865; in front of rebel rams, James River, Virginia, February and March, 1865; steamer "Chicopee," Atlantic Squadron, 1865–6. Promoted to *Lieutenant-Commander*, July, 1866; Instructor at Naval Academy, 1866–7; frigate "Minnesota," special service, 1867–8; flag-ship "Contocook," West India Squadron, 1868; frigate "Franklin," flag-ship, European Squadron, 1869; sick leave, 1870; Equipment-Officer, and Inspector of Supplies, Norfolk Navy Yard, Virginia, 1871; sick leave, 1872; retired, October 26, 1872, for incapacity from an injury received "in the line of duty," while serving on board the U. S. S. "Contocook," in the West Indies, 1868.

Charles Edmund McKay.—Born in New York. Appointed from New York, September 29, 1857; Naval Academy, 1857–61; graduated as

Midshipman, 1861. Promoted to *Acting Master*, September 4, 1861; April, 1861, ordered to Navy Yard, Washington; May, 1861, "Wabash," North Atlantic Station; "Pensacola," West Gulf Squadron, September, 1861; transferred to "Princess Royal," July, 1863; to Fort Jackson, May, 1865 to June, 1865. Promoted to *Lieutenant*, July 16, 1862; ordered to U. S. S. "Brooklyn," flag-ship, South Atlantic Station, October, 1865. Promoted to *Lieutenant-Commander*, July 25, 1866. Retired, June 25, 1869.

Henry Curtis Tallman.—Born in New York. Appointed from New York, September 24, 1857; Naval Academy, 1857–61; attached to steam-sloop "Wachusett," James River Flotilla, 1862, and later in the same year attached to West India Squadron. Commissioned as *Lieutenant*, August 1, 1862; South Atlantic Blockading Squadron, 1863–4; engagements with the forts in Charleston harbor, November, 1863, on the occasion of the grounding of the iron-clad "Lehigh;" engagement with Fort Moultrie, May 16, 1864; North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher; steam-sloop "Brooklyn," flag-ship, Brazil Squadron, 1866–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; apprentice-ship "Sabine," 1868; steamer "Yantic," North Atlantic Squadron, 1868–9.

Francis Olmstead Davenport.—Born in Michigan, August 24, 1842. Appointed from Michigan, September 26, 1856; Naval Academy, 1856–60; attached to brig "Perry," 1861; capture of privateer "Savannah," 1861; steam-gunboat "Scioto," West Gulf Blockading Squadron, 1862–3; bombardment and passage of Forts Jackson and St. Philip, 1862; engagement with guerrillas, Galveston, Texas, July 9, 1863. While temporarily in charge of the "Scioto," Lieutenant Davenport went on shore on the coast of Texas with two boats and twelve men, crossed the island (three and a half miles in width), and captured one schooner with one hundred bales of cotton, and one sloop with thirty bales. Not being able to bring them out, on account of the low water, he burned them. In preparing to leave he was wounded by the accidental discharge of a rifle, the ball entering the right knee and passing out at the side of the knee, fracturing his left arm, and rendering amputation above the elbow necessary. Naval Academy, 1864; frigate "Sabine," 1865–6; steamer "Michigan," on the lakes, 1866–7. Promoted to *Passed Midshipman*, *Master* and *Lieutenant*, 1861. Commisssioned as *Lieutenant-Commander*, July 25, 1866; steam-sloop "Tuscarora," South Pacific Squadron, 1868; store-ship "Onward," South Pacific Squadron, 1869. Retired at his own request, October 19, 1870, as *Lieutenant-Commander*.

Frederick Irvin Naile.—Born in Pennsylvania, October 11, 1841. Appointed from Pennsylvania, October 27, 1859; Naval Academy, 1859–61; attached to frigate "St. Lawrence," blockading on Atlantic Coast, 1861; sinking of privateer "Petrel," 1861; steam-sloop-of-war "Oneida," West Gulf Blockading Squadron; attack on and passage of Forts Jackson and St. Philip, and Chalmette batteries; capture of New Orleans; bombardment and passage of Vicksburg batteries twice; performed Lieutenant's duty on the "Oneida," and was twice slightly wounded while on board of her, 1862. Promoted to *Ensign*, February 24, 1863; frigate "Sabine," during cruise after the Confederate cruiser "Alabama," 1863; Mississippi Squadron, 1863–5; Signal-Officer, flag-ship "Black Hawk," 1863–4; Red River Expedition, co-operation of the squadron on the Cumberland and Tennessee Rivers, with the army in the defeat of General Hood, 1864; commanding flag-ships "Black Hawk" and "Tempest," 1864–5. Promoted *Lieutenant*, February 22, 1864; steamer "Chattanooga," 1866. Promoted *Lieutenant-Commander*,

July 25, 1866; steamer "Lenape," Atlantic Squadron, 1866–7; steamer "Penobscot," North Atlantic Squadron, 1868–9; Assistant Signal Officer, Washington, D. C., 1869–70. Retired, for physical disability caused by exposure on duty, January, 1871.

Gouverneur Kemble Haswell.—Born in New York. Appointed from New York, November 25, 1859; Naval Academy, 1859–61; attached to steam-frigate "Roanoke," North Atlantic Blockading Squadron, 1861–2; engagement with rebel ram "Merrimac," and Sewell's Point batteries, March, 1862; steam-sloop "Adirondack," West India Squadron, 1862. Promoted to *Ensign*, October 7, 1862; steam-frigate "Colorado," West Gulf Blockading Squadron, 1863–4. Commissioned as *Lieutenant*, February 22, 1864; West Gulf Blockading Squadron, 1864; steamer "Vanderbilt," special cruise, 1866–7. Commissioned as *Lieutenant-Commander*, July 25, 1866; steam-sloop "Saranac," Pacific Squadron, 1868; receiving-ship "Portsmouth," New Hampshire, 1869–71; Navy Yard, Norfolk, Virginia, 1872. Retired, November 23, 1876.

Edward Marshall Stedman.—Born in Massachusetts. Appointed from Massachusetts, September 27, 1861; Naval Academy, 1861–4; steam-sloop "Susquehanna," Brazil Squadron, 1865–6; steam-sloop "Juniata," South Atlantic Squadron, 1866–7. Promoted to *Master*, December 1, 1866; apprentice-ship "Saratoga," 1868. Commissioned as *Lieutenant*, March 12, 1868; receiving-ship "New Hampshire," at Norfolk, 1868–9. Commissioned as *Lieutenant-Commander*, December 18, 1868; Naval Academy, 1871–2; sick leave, 1873–4; retired, February, 1875.

Socrates Hubbard.—Born in New York. Appointed an *Acting Midshipman* at Naval Academy, November 20, 1861; graduated, 1865; "Swatara" (third-rate), West India Squadron, 1865–7. Promoted to *Ensign*, December 1, 1866; "Guerriere" (second-rate), flag-ship, S. A. Squadron, 1867–8. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 29, 1869; "Nipsic" (fourth-rate), Darien Expedition, 1869–71; "Omaha," (second-rate), S. P. Station, 1873–5; Naval Academy, 1876–80. Promoted to *Lieutenant-Commander*, October, 1879; "Pensacola," Pacific Station, 1879–82; Naval Observatory, 1882; torpedo instruction, 1883; equipment duty, Navy Yard, New York, 1883–5; "Powhatan," special service, 1885–6. Retired, June 18, 1888.

Leonard Chenery.—Entered U. S. Naval Academy, December 12, 1861. Appointed from First California District; graduated, September 25, 1865; attached to the U. S. S. "Swatara" from October 9, 1865, to February 27, 1867, part of the time in the West Indies, and part of the time on European Station. Promoted to *Ensign*, December 1, 1866; on ordnance duty, at Washington, from March 9, 1867, to April 30, 1867; attached to U. S. S. "Guerriere," flag-ship of Rear-Admiral Charles H. Davis, on Brazil Station, from May 20, 1867, until July 29, 1869. Promoted to *Master*, March 12, 1868. Promoted to *Lieutenant*, March 25, 1869; at Naval Rendezvous San Francisco, October 10, 1870, to March 25, 1871; Flag-Lieutenant of the Pacific Station, on staff of Commodore R. N. Stembel, from May 8, 1871, until October 10, 1872; U. S. flag-ship "Pensacola," acting as chief of staff for ten months; attached to U. S. S. "Saranac," from October 10, 1872, until August 1, 1874, on Pacific Station; at Hydrographic Office, Washington, from October 15, 1874, until November 20, 1875; attached to U. S. monitor "Catskill," North Atlantic Station, from November 20, 1875, until March 20, 1877; eight months as Executive Officer and eight months as Commanding Officer; Navy Yard, Mare Island,

1879–81. Promoted to *Lieutenant-Commander*, November, 1879. Retired, December 20, 1881.

Edward Linzee Amory.—Born in Massachusetts. Appointed an *Acting Midshipman* at Naval Academy, September 30, 1861; graduated, 1865; "Swatara" (third-rate), West India and European Stations, 1865–7. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. "Franklin," flag-ship, European Station, 1868. Commissioned as *Lieutenant*, March 29, 1869; "Severn," flag-ship, N. A. Squadron, 1869–70; navigation duty, Navy Yard, Boston, 1871–2; torpedo service, 1872; "Richmond" (second-rate), N. P. Station, 1873–4; "Hartford" (second-rate), Asiatic Station, 1874–5; Navy Yard, Boston, 1875–6; Light-House duty, 1876–9; "Tennessee," N. A. Station, 1879–82. Promoted to *Lieutenant-Commander*, January 22, 1881; equipment duty, Navy Yard, New York, 1885–7. Retired, June, 1887.

Eugene Beauharnais Thomas.—Born in Ohio. Appointed as *Acting Midshipman* at Naval Academy, September 20, 1861; graduated, 1865; "Shenandoah" (second-rate), East India Station, 1866–7; "Monocacy," 1868–9. Promoted to *Ensign*, December 1, 1866. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; "Congress" (second-rate), N. A. Squadron, 1870–1; R S., New York, 1872; Hydrographic Office, Washington, 1872; "Guard" (fourth-rate), Vienna Expedition, 1873; sick leave, 1874–6; special duty, Key West, 1877; commanding Station, Key West, Florida, 1877–9; commanding C. S. steamer "Endeavor," 1879–81; commanding C. S. steamer "Bache," 1881–2. Promoted to *Lieutenant Commander*, August, 1881; "Tennessee," N. A. Station, 1882–3; sick leave, 1883–6. Retired, June, 1887.

Holman Vail.—Born in Indiana. Appointed as *Acting Midshipman* at Naval Academy, December 1, 1865; graduated, 1865; school-ship "Sabine," 1865–6. Promoted to *Ensign*, December 1, 1866; "Dacotah" (second-rate), South Pacific Fleet, 1867; "Saginaw" (fourth-rate), North Pacific Squadron, 1868. Promoted to *Master*, March 12, 1868; "Severn," flag-ship North Atlantic Fleet, 1869–70. Commissioned *Lieutenant*, March 26, 1869; "Hartford," flag-ship Asiatic Station, 1872–5; Hydrographic Office, 1876–7; "Trenton," European Station, 1877–9; "Constellation," special service, 1879–80; Naval Observatory, 1880–2. Promoted to *Lieutenant-Commander*, October, 1881; "Wachusett," Pacific Station, 1882–5; Light-House Inspector, 1887–90. Retired, December 4, 1890.

Isaac Hazlett.—Born in Ohio. Appointed an *Acting Midshipman* at Naval Academy, September 27, 1861; graduated, 1865; "Monongahela" (third-rate), West India Station, 1865–6. Promoted to *Ensign*, December 1, 1866; "Susquehanna" (first-rate), flag-ship, N. A. Station, 1866–8; "Michigan," on the lakes, 1868–9. Promoted to *Master*, March 12, 1868; "Lancaster" (second-rate), flag-ship, S. A. Fleet, 1869–72; Naval Observatory. 1872–3. Commissioned as *Lieutenant*, March 26, 1869; "Manhattan" (iron-clad), N. A. Station, 1873–4; R. S. "Colorado," 1875; Hydrographic Office, 1876–7; "Trenton" (second-rate), flag-ship, European Station, 1877–80; Hydrographic Office, 1880–2. Promoted to *Lieutenant-Commander*, December, 1881; "Kearsarge," N. A. Station, 1882–3; sick leave, 1883–6. Retired, November, 1886.

Frederick Augustus Miller.—Born in Maryland. Entered service as *Master's Mate*, September 11, 1861; took part in fights at Donaldsonville; some small affairs on Mississippi River; in capture of Mobile, and in operations in Mobile Bay. He was recommended for promotion by Lieutenant-

Commander Foxhall A. Parker, while on duty at Washington Navy Yard; by Commander T. A. M. Craven, after cruise in "Tuscarora," and by Commander M. B. Woolsey, after fight at Donaldsonville; Washington Navy Yard, under instructions, in charge of one of the howitzers of Parker's Battery, and in command of "A. C. Powell"; "Tuscarora," special service in Europe; "Princess Royal," West Gulf Squadron; "Arizona," West Gulf Squadron; "Frolic," in Europe; "Quinnebaug," South Atlantic Station, 1868–69; "Vermont," receiving-ship, New York, 1870. Commissioned *Lieutenant*, March 21, 1870; "Mohican," South Pacific Station, 1870–1; Navy Yard, Boston, 1871–2; "Vermont," receiving ship, New York, 1872–4; "Terror," Key West, 1874; "Nipsic," surveying duties West Indies, 1875; Navy Yard, New York, 1875–6; "Richmond," flag-ship, South Pacific Station, 1876–7; Bureau Equipment and Recruiting, 1877; "Portsmouth," San Francisco to Washington, then to Havre, French Exposition, 1877–9; "Ticonderoga," special service around world under Admiral Shufeldt, 1879–81; "Colorado," receiving-ship, New York, 1881–2. Promoted to *Lieutenant Commander*, April, 1882; torpedo instruction, Newport, 1882; "Lackawanna," South Pacific Station, 1883. Retired, Nov. 30, 1885.

William H. Webb.—Born in Indiana. Served during the closing years of the war as a volunteer officer; transferred to the regular service in 1868; "Narraganset" (third-rate), West India Squadron, in 1869. Commissioned as *Lieutenant*, March 21, 1870; Naval Station, Mound City, Illinois, 1870; "Ajax" (iron-clad), N. A. Fleet, 1871; Asiatic Fleet, 1872–5; S. S. "Supply," 1875–6; commanding "Saugus" (iron-clad), 1877–8; Navy Yard, Pensacola, 1877–81; R. S. "Passaic," 1881–2; commanding "Wyandotte," 1882–3. Promoted to *Lieutenant-Commander*, July 3, 1882; "Alert," Asiatic Station, 1883–4; R. S. "St. Louis," 1886–90; "Tallapoosa," S. A. Station, June, 1891, to December, 1892; sick leave, December, 1892, to date of retirement, June 26, 1893.

William P. Randall.—Born in New Bedford, Massachusetts. In 1861 was about to sail in command of a whale-ship when the war commenced; was furnished with a certificate signed by the president of every insurance office in the city, to the effect that their offices would insure any vessel under his command at the lowest rates of insurance; without further endorsement was appointed an *Acting Master* in the U. S. Navy, July 24, 1861, and ordered to the U. S. S. "Cumberland," serving on that ship at the capture of Forts Clarke and Hatteras, and afterwards in the engagement with the "Merrimac" at Newport News, March 8, 1862, at which time he had command of the after-pivot gun (which was the last gun fired from that ship). May 28, 1872, promoted to the rank of *Volunteer-Lieutenant*, and ordered to the gunboat "Port Royal," Commander George W. Morris, which vessel did good service on the James River through the summer of 1862, and joined the East Gulf Squadron in the fall of that year; January 26, 1863 (being at that time the Executive-Officer), detached from the "Port Royal," and ordered to command the U. S. barque "Pursuit;" commanded this vessel until August 12, 1864, when he was detached and ordered to command U. S. barque "Restless;" these vessels were engaged in blockading the coast of Florida, and while commanded by Lieutenant Randall did much injury to the enemy, for which he received two complimentary letters from the Admiral commanding (Admiral Stribling), with orders to read them on the quarter-deck at muster; February 23, 1865, took temporary command of the U. S. steamer "Hendrick Hudson" ("Restless" undergoing repairs at Key West), and went to St. Marks for General Newton, U. S. Army, and staff, March 9,

1865. Promoted to the rank of *Volunteer Lieutenant-Commander*, March 17, 1865; detached from U. S. barque "Reckless," and ordered to take the prize steamer "Ruby" to New York; arrived in New York with the "Ruby," April 14, 1865, and waited orders until August 17, 1865, when he was granted four months' leave of absence; on December 19, 1865, was honorably discharged from the U. S. Navy with the rank of *Lieutenant-Commander*. October 30, 1866, presented himself to the Examining Board at Hartford, Connecticut, for admission to the regular service, and was rejected on account of injuries received in the line of duty during the engagement between the "Cumberland" and "Merrimac," but obtaining permission from Washington for examination, he presented himself the second time, November 22, 1866, and on December 7, 1866, received an appointment as Acting Master on temporary service, and was ordered to the U. S. steamer "Peoria," which vessel went to the West Indies and returned with yellow fever on board; detached from her in Norfolk, Virginia, and went to the hospital, July 29, 1867; was on sick-leave until September, 1867, when he was ordered to the U. S. receiving-ship "Ohio," March 12, 1868 (three years and three days after receiving his appointment as a Volunteer Lieutenant-Commander); he received a commission as *Ensign* in the regular navy, October 12, 1868; detached from the "Ohio" and ordered to command the U. S. steamer "Leyden," December 18, 1868. Promoted to *Master*, January 27, 1869, and detached from the "Leyden" and ordered to the U. S. steamer "Narraganset;" joined the "Narraganset" in Havana, March 17, 1869; in July the "Narraganset" went in quarantine at Portsmouth, New Hampshire, with yellow fever on board, when he was detached and ordered to the Boston Navy Yard; September 1, 1869, ordered to command the U. S. steamer "Palos;" in October, 1869, was detached from the "Palos," and took command of the U. S. steamer "Leyden." Commissioned as *Lieutenant*, March 21, 1870; May 18, 1870, detached from the "Leyden" and ordered to the monitor "Saugus;" joined the "Saugus" at Havana, June 4, 1870; September 30, 1870, detached from the "Saugus" and ordered to command the U. S. steamer "Mayflower;" detached from the "Mayflower," November 3, 1870, and ordered to the U. S. receiving-ship "Ohio," Navy Yard, Boston; May 5, 1871, temporarily detached from the "Ohio" and ordered to Key West, Florida, as Executive-Officer, to assist in bringing the "Saugus" to Philadelphia; June 22, 1871, returned to the "Ohio;" September 15, detached from the "Ohio" and ordered to the U. S. steamer "Iroquois;" January 15, 1872, detached from the "Iroquois" and ordered to the U. S. steamer "Canandaigua;" August 4, 1874, detached from the "Canandaigua" at Key West, and sent home by medical survey (with Chagres fever) on sick-leave; November, 1874, ordered to the Ordnance Department, Navy Yard, Boston; June 10, 1875, ordered to Torpedo Station, Newport, Rhode Island; October 10, 1875, detached from Torpedo Station and ordered to the U. S. receiving-ship "Ohio," Navy Yard, Boston; October 28, "Ohio's" crew all transferred to the receiving-ship "Wabash;" April 16, 1877, granted six months' leave of absence; October 15, 1877, ordered back to the U. S. receiving-ship "Wabash;" "Ranger," Asiatic Station, 1878–81; special duty, 1881–2. Promoted, 1886, to the rank of *Lieutenant-Commander* by Special Act of Congress. Retired, August, 1886.

Retired as not recommended for promotion.

Charles Henderson Craven.—Born in Maine. Appointed from Maine, September 20, 1860; Naval Academy, 1860–3. Promoted to *Ensign*, May 2,

1863; serving in South Atlantic Blockading Squadron, 1863–5; occupation of Morris Island, July, 1863; in command of Fifth Division at assault on Fort Sumter, September 7, 1863; attacks on rebel batteries in Stone River, July 3 and 7, 1864; joint expedition of naval and military forces to cut Charleston and Savannah Railroad, August and September, 1864; in charge of launch from "Housatonic," stationed inside of Morris Island, to prevent rebel communication; while on this duty, captured Major Walley, of the rebel army, who was in a boat, with a surgeon and the crew; made attack with the army on Forts Gregg and Wagner, and at the evacuation of Morris Island, captured three boats with eighty men and officers in them; performed duty in naval battery on Morris Island; was attached to "Housatonic" when she was blown up, February 17, 1864; steam-frigate "Colorado," European Squadron, 1865–7. Commissioned as *Lieutenant*, November 10, 1866; steam-sloop "Wampanoag," 1868. Commissioned as *Lieutenant-Commander*, March 12, 1868; steam-sloop "Powhatan," Pacific Squadron, 1868–9; store-ship "Onward," South Pacific Squadron, 1869; "Nyack" (fourth-rate), Pacific Fleet, 1870–1; R. S. "Independence," 1872; "Kearsarge," (third-rate), Asiatic Station, 1873–5; Navy Yard, Mare Island, 1876–8; retired, April, 1881.

Retired in conformity with the Fourth Section of the Act of April 21, 1864.

Charles E. Hawley.—Born in Connecticut. Appointed from Connecticut, December 3, 1849; Naval School, 1849–50; steam-frigate "Susquehanna," East India Squadron, 1851–5. Promoted *Master*, September 15, 1855; Coast Survey, 1856–8. Commissioned as *Lieutenant*, June 26, 1856; receiving-ship, Philadelphia, 1861; ordnance-duty, Washington Navy Yard, 1862; retired, 1862; receiving-ship, New York, 1863; receiving-ship, Boston, 1864–5; special duty, Malden, Massachusetts, 1866. Commissioned as *Lieutenant-Commander*, 1866; Light-House Inspector, Key West, 1868; receiving-ship, Philadelphia, 1869–70.

Francis Henry Sheppard.—Born in Missouri. Appointed from Missouri, October 16, 1861, to the Naval Academy; graduated, 1863. Promoted to *Ensign*, 1863. Promoted to *Master*, 1867. Served in Blockading Squadron from date of graduation to the close of the Rebellion; served as Executive Officer in the West India Squadron, 1867–9. Promoted to *Lieutenant-Commander*, March 26, 1869. Retired, March 26, 1869.

Retired in conformity with the Twenty-third Section of Act of August 3, 1861.

George F. Morrison.—Born in Pennsylvania. Appointed from Ohio, November 5, 1849; Naval School, 1849–50; attached to sloop "Plymouth," East India Squadron, 1851–5. Promoted to *Master*, September 16, 1855; retired, 1856; unemployed, 1856–90. Commissioned as *Lieutenant-Commander*, 1867.

Charles Wurts Tracy.—Born in Pennsylvania. Appointed from the same State, October 27, 1859; Naval Academy, 1859–61; attached to frigate "St Lawrence," Atlantic Coast, 1861; destruction of privateer "Petrel;" steam-gunboat "Octorara," Mississippi Squadron, 1862–3; "Vicksburg," July, 1862. Promoted to *Ensign*, December 10, 1862; South Atlantic Blockading Squadron, 1863–5; at Charleston, April, 1863, and other actions during the siege. Commissioned as *Lieutenant*, February 22, 1864; Pacific Squadron, 1866–8. Commissioned as *Lieutenant-Commander*, July 25, 1866;

steam-sloop "Plymouth," European Squadron, 1869; Naval Academy, 1870–2; "Alaska" (second-rate), European Station, 1873–5; "Juniata," European Station, 1876. Retired, October 22, 1878.

David Clarence Woodrow.—Entered Naval Academy, September, 1861; graduated, November, 1864; ordered to Navy Yard, New York, February, 1865; duty on board "North Carolina," and "Savannah;" ordered to flag-ship "Hartford," A. Squadron, July, 1865. Promoted to *Ensign*, November, 1866. Promoted to *Master*, December, 1866. Promoted to *Lieutenant*, March, 1868. Promoted to *Lieutenant-Commander*, March, 1869; "Ashuelot," Asiatic Station, September, 1867, to August, 1869; "Severn," flag-ship, N. A. Station, August, 1869, to November, 1870; Hydrographic Office, November, 1870; ordered to "Worcester," special duty carrying supplies to suffering French, and bringing back from Liverpool Armstrong guns and ammunition, formerly belonging to the Confederacy, February, 1871; "Wyoming," N. A. Squadron, October, 1871, to February, 1873; receiving-ship "Sabine," February, 1873, to September, 1873; ordered to "Ossipee," N. A. Squadron, September, 1873; while serving as navigator of "Ossipee," was temporarily detached and placed in command of the "Virginius," which vessel had just been turned over to our Government by the Spanish Government, at Bahia Honda, Cuba. The "Virginius" sank off Bald Head Light, North Carolina, December 26, 1873; served then successively on the "Kansas," "Shawmut," "Canandaigua," iron-clad "Manhattan," and store-ship "New Hampshire," N. A. Squadron; ordered to "Lackawanna," Pacific Squadron, in December, 1880, and was relieved from duty by Medical Survey, and ordered to the Hospital in Washington, September, 1883; placed upon the retired list, June, 1884.

Appointed on Retired List.

W. W. Bassett.—Entered the Navy as *Midshipman*, March 6, 1838. Promoted to *Passed Midshipman* in 1844; served on board the steamer "Princeton" four years during the Mexican War; went as *Master*, to the Brazils in the U. S. brig "Bainbridge;" was Acting Lieutenant on board the "Germantown" six months; returned home as Master of the "Bainbridge," in 1853; was Master of the U. S. ship "Pennsylvania;" in 1853, was appointed to the frigate "Potomac;" was store-keeper at Ship Island and Pensacola two years and ten months; resigned in 1865. Was appointed on the retired list as *Lieutenant-Commander*, on account of injuries received in line of duty, in 1872.

LIEUTENANTS ON THE ACTIVE LIST.

Theodorus Bailey Myers Mason.—Born in New York City, May 8, 1848. Appointed *Midshipman* from Florida to U. S. Naval Academy at Newport, Rhode Island, September 20, 1864; served on board practice-ships "Macedonian," "Savannah," and "Dale;" graduated, number 21, June 6, 1868; ordered to flag-ship "Guerriere," South Atlantic Station, September 3, 1868; received letter of thanks from the Secretary of the Navy, gold medal of New York Benevolent and Life-Saving Institution, and decoration of the Order of the Rose from the Emperor of Brazil, for saving two of the ship's crew in the harbor of Rio Janiero; detached from steamer "Guerriere" at New York, July 21, 1869. Commissioned an *Ensign*, April 19, 1869; ordered to the flag-ship "Franklin," European Station; reported at Mar-

seilles, October 23, 1869; detached from "Franklin" at Copenhagen, and granted leave, June 30, 1871. Promoted to *Master*, July 12, 1870; ordered to Hydrographic Office, December 1, 1871; detailed for duty as aide to the Secretary of Navy, December 2, 1871; ordered to accompany President Grant to Boston, June 7, 1872; detached from Hydrographic Office, July 18, 1872; ordered to steamer "Omaha," fitting out at Philadelphia for South Pacific. Promoted to *Lieutenant*, November 20, 1872; detached from "Omaha" at Valparaiso, and ordered to flag-ship "Pensacola," February 15, 1873; took part in landing at Panama to protect American interests during the spring and fall of 1873; detailed as Flag-Lieutenant, December 22, 1873; received silver naval medal from King of Italy for saving native bark "Detaide" from fire in harbor of Callao; "Pensacola," transferred to North Pacific Station, April 15, 1874; admiral and staff temporarily transferred to "Saranac" while "Pensacola" was undergoing repairs at Mare Island; detached from staff and ship at Honolulu, July 29, 1875; ordered to Naval Academy, November 15, 1875; detailed during term of 1875–6 in Department of Modern Languages; ordered to practice-steamer "Mayflower" as Executive-Officer at Philadelphia, May 11, 1876; detailed as Instructor in Ordnance and Gunnery, with special charge of Light-Artillery Instruction; ordered to practice-steamer "Mayflower" at New York as Executive-Officer, July 26, 1877; Naval Academy, Department Ordnance and Gunnery; detached from Naval Academy, November 30, 1878, and granted leave, with permission to leave United States; traveled in Europe accredited to different legations for facilities to make reports on naval matters; made a Life Fellow of the Society of Civil Engineers of France, November 22, 1878; acted as Aide to Marshall McMahon, President of France, at the grand review and manœuvres closing the Exposition of 1878; December 10, 1879, ordered as Assistant Inspector of Ordnance at the West Point Foundry; December 13, 1878, elected a Life Fellow of the American Geographical Society; April 9, 1878, ordered to duty on board the "Pensacola," flag-ship of Pacific Station, and in charge of a large draft of men for the station; reported for duty on board the "Pensacola" at Callao, Peru, and detached as Flag-Lieutenant to Rear-Admiral C. R. P. Rodgers; September 27, 1880, appointed Secretary to Rear-Admiral T. H. Stevens, who relieved Admiral Rodgers. Whilst serving on the South American coast made several important reports on the operations of the war between Chili, Peru, and Bolivia; also compiled an historical sketch report of the war, afterwards published as Volume II., War Series, Office of Home Intelligence, and translated for use in Chili. September 5, 1881, ordered to Naval Academy, and detailed as Instructor in Ordnance and in charge of Artillery Drills; June 7, 1882, ordered to duty at Navy Department, Washington, as the First Chief Intelligence Officer; organized Intelligence Staff, Duty, and Office; in addition performed duty as Aide to President Chester A. Arthur; September 14, 1883, was ordered by President to meet and accompany the first Embassy from Corea sent to the United States; April 29, 1884, ordered to similar duty with first Embassy from Siam to the United States; acted as Special Aide to Lieutenant-General Sheridan at the dedication of the Washington Monument, February 22, 1885, and to Major-General Slocum, inaugural ceremonies of President Grover Cleveland, March 4, 1885; April 1, 1885, detached from duty in Washington, and ordered to command light artillery of the naval forces sent to the Isthmus of Panama to protect transit and American interests; whilst on the Isthmus nominally attached to the flag-ship "Tennessee," Rear-Admiral James Jouett; May 28, 1885, granted

leave of absence for one year with permission to go abroad, intending to resign; September 16, 1885, applied for sea duty, and ordered to Asiatic Station; reported for duty on board flag-ship "Trenton," at Shanghai, China, November 24, 1885; detailed, at own request, as senior Watch-Officer of flag-ship, April 16, 1886; "Trenton" being ordered home, ordered as Secretary to Rear-Admiral John Lee Davis, April 22; Admiral transferred flag to "Omaha," and August 9 to "Marion;" November 22, 1886, Rear-Admiral Davis being relieved by Rear-Admiral Chandler, was transferred to his staff as Flag-Lieutenant; April 4, 1887, the Admiral transferred flag to "Brooklyn;" October 1, 1887, detached from duty on staff and ordered to "Essex" as Navigator; January 18, 1888, detached from "Essex" and ordered home; August 14, 1888, ordered to duty in Navy Department as Naval Secretary to Mr. W. C. Whitney, Secretary of the Navy; February 26, 1889, ordered, in addition to other duty, as Adjutant-General of the naval force assembled in Washington for duty in the inaugural ceremonies of President Benjamin Harrison; February 28, ordered to duty March 20 under Rear-Admiral S. R. Franklin, senior member of American Delegation and President of the International Maritime Congress and also to duty in Bureau of Navigation; March 6, 1889, ordered to duty in Navy Department as Naval Secretary to General Benjamin F. Tracy, Secretary of the Navy; detached December 10, 1891; accompanied President Harrison to New York, April 29, to attend Centennial Celebration of the Inauguration of George Washington as President, and on July 4 to Woodstock, Connecticut; Assistant General Inspector of New York, December 10, 1891, to August, 1893; "New York," S. A. Station, August, 1893, to date.

Thomas Chalmers McLean.—Born in New York. Appointed *Midshipman*, September 21, 1864; graduated from Naval Academy, June, 1868, taking the prize flag for the best drilled company in the battalion; "Tuscarora," South Pacific and West Indies, 1868–9. Promoted to *Ensign*, April, 1869; "Benicia" and "Idaho," Asiatic Fleet, 1869–72. Promoted to *Master*, July, 1870; commanded the sailor infantry of the "Benicia," in the Corean Expedition, and was commended for gallant conduct in the assault on Fort du Coude, having the left of the line next the company of Lieutenant McKee, in memory of whom the fort was renamed by the captors. Naval Torpedo Station, Newport, 1872. Promoted to *Lieutenant*, 1872; Experimental Battery, Annapolis, 1873–4; flag-ship "Tennessee," 1875; Torpedo Station, 1876–7; Washington Navy Yard, 1878; in charge Experimental Battery, 1879; flag-ship "Trenton," European Station, 1879–81; member of the United States Government delegation to the International Electrical Congress and of the Commission to the Electrical Exhibition, Paris, 1881; elected secretary to a section of the Congress; vice-president of jury of awards, group V., instruments of precision, etc., at the Exhibition; special duty in Germany, France, Russia, and England; Naval Attaché, Vienna, 1883, and Government Representative at Vienna Electrical Exhibition; Torpedo Station, 1884; steamer "Brooklyn," 1885; "Dolphin," 1885–8; Torpedo Station, 1889, to March, 1893; Assistant Inspector of "Detroit," March 1893, to July 1893; "Detroit," S. A. Station, July, 1893, to date.

William Jay Barnette.—Born in New York. Entered Naval Academy, July 27, 1864; graduated, 1868; Asiatic Fleet, 1868–70. Promoted to *Ensign*, 1869; and to *Master*, 1870; torpedo duty, 1871; "Wabash," flag-ship, European Squadron, 1871–4. Commissioned as *Lieutenant*, 1872; Hydrographic Office and Navy Yard, Washington, 1874–5; "Pensacola," flag-ship, North Pacific Station, Flag-Lieutenant, 1875–8; Naval Acad-

emy, 1878–81; training-ship "Saratoga," 1881–4; Naval Academy, 1884–6; practice-ship "Constellation," 1886; Naval Academy, 1886–8; "Galena," N. A. Squadron, 1888–90; school-ship "St. Mary's," December, 1890, to December, 1893.

Francis Henry Delano.—Born in Ohio. Entered Naval Academy, September 22, 1863; graduated June, 1867; "Susquehanna," flag-ship, N. A. Station, 1867; "Contocook," flag-ship, N. A. Station, 1868; "Yantic," N. A. Station, 1868–9. Promoted to *Ensign*, December, 1868; signal duty, Washington, D. C., March, 1870, to June 1870. Promoted to *Master*, March, 1870; "Mohican," Pacific Station, 1870–71; "Ashuelot," Asiatic Station, 1871–3. Promoted to *Lieutenant*, February, 1873; "Portsmouth," N. Pacific Station, 1874–5; "Sabine," receiving-ship, Portsmouth, N. H, 1875–76; "Shawmut," N. A. Station, September, 1876, to January, 1877; Hydrographic Office, February 17, 1877, to April 26, 1877; "Supply," training-ship, May 1, 1877, to September 13, 1877; "Wyoming," R. S. Washington, December, 1877, to January, 1878; "Supply," store-ship, 1878–9; commanding "Intrepid," 1879–82; "Pensacola," F. S. Pacific Station, 1882–3; "Richmond," F. S. Asiatic Station, 1883–4; Navy Yard, Portsmouth, N. H., 1884–5; Torpedo Station, 1885; Navy Yard, Portsmouth, N. H., 1885–7; "Ossipee," N. A. Station, 1887–9, in command last month or so of ship's commission; Navy Yard, Portsmouth, December, 1889, to June, 1892; at present waiting orders.

Charles Thomas Forse.—Born in Pennsylvania. Entered Naval Academy, September 23, 1864; graduated, 1868; "Jamestown," Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Alaska," Asiatic Fleet, 1869–72. Promoted to *Master*, 1870; and commissioned as *Lieutenant*, 1873; "Ossipee," N. A. Station, 1873–6; "Tuscarora," Pacific Station, 1877–81; "Ranger," Pacific Station, 1881–4; commanding C. S. S. "Earnest," 1884–7; inspector of steel, new cruisers, 1887 to July, 1892; "Kearsarge," N. A. Station, July, 1892, to date.

Edwin King Moore.—Born in Ohio. Entered Naval Academy, October 1, 1864; graduated, 1868; store-ship "Guard," European Fleet, 1868–9. Promoted to *Ensign*, 1869; signal duty, 1870. Promoted to *Master*, 1870; "Colorado" "Benicia," and "Monocacy," Asiatic Fleet, 1870–3. Commissioned as *Lieutenant*, 1873; "Portsmouth," surveying on Pacific, 1873–6; Coast Survey steamer "McArthur," on Pacific Coast, 1876–80; Naval Observatory, 1881–4; training-ship "Saratoga," 1884–7; Naval Academy, 1887–90; Bureau of Equipment, 1890 to January, 1891; "Boston," Squadron of Evolution, January to October, 1891; Pacific Station, October, 1891, to April, 1893; "Mohican," Behring Sea Fleet, May to December, 1893; leave of absence, December, 1893, to January, 1894; Boston Navy Yard, January, 1894.

Albion Varette Wadhams.—Entered the Naval Academy, September 26, 1864; graduated, June, 1868. Promoted *Ensign*, April 19, 1869. *Master*, July 12, 1870. *Lieutenant*, March 25, 1873; Pacific Station, 1868–9; China Station, 1870–3; (Corean fights) "Powhatan" and "Alert," 1874–5; Naval Academy, 1875–8; Coast Survey, 1878–80; "Nipsic," European Station, 1880–3; Navy Yard, Washington, 1884–6; China Station, 1886–9; Assistant Light-House Inspector, member of Board of Inspection, Merchant Vessels and Inspection of Steel for new Vessels, 1889–2; leave of absence, 1893. "Mohican," Pacific Station, November, 1893, to date.

George Whittelsey Tyler.—Born in Connecticut. Entered Naval Academy, October 3, 1864; graduated, 1868; Asiatic Fleet, 1868–70. Pro-

moted to *Ensign*, 1869, and to *Master*, 1870; "Guerriere," European Squadron, 1870–2. Commissioned as *Lieutenant*, 1873; Coast Survey, 1873–5; "Franklin," 1876–7; and R. S. "Colorado," 1877–8; "Plymouth," N. A. Station, 1878; Naval Academy, 1878–81; "Tennessee," N. A. Station, 1881–4; Naval Academy, 1884–5; practice-ship "Constellation," 1885; Naval Academy, 1885–8; "Mohican," Pacific Station, 1888, to November, 1891; leave of absence, November, 1891, to January, 1892; special duty, Bureau of Navigation, January–August, 1892; Library and War Records, August, 1892, to date.

James Dexter Adams.—Born in New York. Entered Naval Academy, September 27, 1864; graduated, 1868; "Albany," temporary duty, September, 1868; "Yantic," October, 1868; "Gettysburg," November, 1868. Promoted to *Ensign*, April, 1869; "Frolic," September, 1869; "Jamestown," Pacific Fleet, March, 1870. Promoted to *Master*, July, 1870; "Mohican," October, 1871; R. S. "Independence," June, 1872; "Hassler," Coast Survey, August, 1873. Promoted to *Lieutenant*, September, 1873; Torpedo Station, May, 1876; Mare Island Navy Yard, August, 1876; R. S. "Independence," July, 1877; "Pensacola," August, 1877; Mare Island Navy Yard, December, 1880; Torpedo Station, May, 1883; "Powhatan," August, 1883; "Lancaster," July, 1884; "Kearsarge," August, 1884; R. S. "Vermont," March, 1887; ordnance duty, Navy Yard, Washington, December, 1888; "Dolphin," N. A. Station, November, 1889, to May, 1891; Compass Office, May, 1891; Hydrographic Office, October, 1891, to March, 1892; Naval Academy, March 1892, to date.

Richard Wainwright.—Born in District of Columbia. Entered Naval Academy, September 28, 1864; graduated, 1868; "Jamestown," Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; Hydrographic Office, 1870. Promoted to *Master*, 1870; "Colorado," flag-ship, Asiatic Fleet, 1870–2. Commissioned as *Lieutenant*, 1873; Hydrographic Office, 1873–4; commanding Coast Survey vessel "Arago," 1875–8; Flag-Lieutenant to Rear-Admiral T. H. Patterson, commanding Asiatic Station, 1878–81; special duty, Bureau of Navigation, 1881–4; "Tennessee," North Atlantic Station, 1884–5; Secretary to Rear-Admiral J. E. Jouett, commanding North Atlantic, 1885–6; "Galena," North Atlantic Station, 1886–7; Steel Inspection, 1887–8; Naval Academy, 1888–90; "Alert," special service, October, 1890, to October, 1893; Hydrographtic Office, October, 1893, to date.

James Russell Selfridge.—Born in Massachusetts. Entered Naval Academy, July 21, 1864; graduated, 1868; Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Colorado," flag-ship, Asiatic Fleet, 1870–2. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1873; "Franklin," flag-ship, European Squadron, 1873; "Congress," same squadron, 1874–6; training-ship "Monongahela," 1876–7; torpedo duty, 1877; ordnance duty, Navy Yard, Washington, 1878–80; training-ship, "Portsmouth," 1880–2; Recorder Regulation Board, 1882–3; Hydrographic Office, 1883–5; "Adams," Pacific Station, 1885–6; "Iroquois," Pacific Station, 1886–8; ordnance duty, Navy Yard, Washington, 1889 to June, 1891; Flag Lieutenant to Commander-in-Chief, Asiatic Station, June, 1891, to July, 1893; leave of absence, July to September, 1893; Torpedo Station, September to October 5, 1893; ordnance duty, Washington Navy Yard, October 11 to December 30, 1893; ordered as Executive Officer, "St. Mary's" January 3, 1894.

Charles Albert Adams.—Born in New York. Entered Naval Academy, July 23, 1863; graduated, 1868; Pacific Fleet, 1868–70. Promoted

Ensign, 1869; "Ossipee," Pacific Fleet, 1870–2. Promoted to *Master*, 1870; "Shenandoah," European Station, 1873. Commissioned as *Lieutenant*, 1873; "Congress," European Station, 1874–6; Asiatic Station, 1877–8; "Ranger," Asiatic Station, 1878–9; "Palos," Asiatic Station, 1879–81, "Michigan," (N. W. Lakes), 1882–5; "Pensacola," European Station, 1885–8; receiving-ship "Vermont," 1888 to March, 1892; "Philadelphia," Pacific Station, March, 1892, to date.

William Henry Everett.—Entered Naval Academy as a *Midshipman*, July 23, 1863; U. S. S. "Pawnee," U. S. S. "Portsmouth" and U. S. flag-ship "Guerriere," on the South Atlantic Station, 1868–69. Promoted to *Ensign*, April 19, 1869; U. S. S. "Nantasket," in the West Indies, 1869–71. Promoted to *Master*, July 12, 1870; transferred from U. S. S. "Nantasket" to U. S. S. "Congress," in the spring of 1871, and served on her until April, 1874, in West Indies, Greenland (in connection with Polar Expedition, undertaken by the S. S. "Polaris"), and on the European Station; transferred to U. S. S. "Wyoming," and served until it went out of commission, at Washington, in the spring of 1874. Promoted to *Lieutenant*, December 12, 1873; equipment duty at Navy Yard, New York, 1874–5; U. S. S. "Alert," North Atlantic Station, 1875–6; U. S. S. flag-ship "Tennessee," Asiatic Station, 1876–8; on duty at Nautical Almanac Office, Washington, D. C., November, 1878, to November, 1879; ordnance duty, Navy Yard, New York, December 1, 1879–81; U. S. S. "Tallapoosa," North Atlantic Station, 1882–4; Flag-Lieutenant, to Rear-Admiral James E. Jouett, on board U. S. flag-ship "Tennessee," North Atlantic Station, 1884–6; ordnance duty, Navy Yard, Portsmouth, N. H., 1886–7; U. S. training-ship "Saratoga," 1887–8; U. S. flagship "Richmond," South Atlantic Station, 1889–90; in charge of Branch Hydrographic Office, Boston, Mass., September, 1890, to September, 1893; ordered as Ordnance Instructor, at Navy Yard, Washington, his present duty, November, 1893.

John Mitchell Hawley.—Born in Massachusetts. Entered the Naval Academy, July 23, 1863; graduated 1868; South Atlantic Station, 1868–9. Promoted to *Ensign*, 1869; store-ship "Guard," Darien Surveying Expedition, 1870–71; had charge of Hydrography. Promoted to *Master*, 1870; "Wyoming" Home Station, 1871–2; Nicaragua Surveying Expedition, 1872–3; "Ticonderoga," 1874; at Key West during the Cuban troubles of that year; Coast Survey duty from November, 1874 till May, 1879, during which time commanded the schooners "Bache," "Earnest," and "Silliman." Promoted to *Lieutenant*, January, 1874; "Wachusett," 1879–82; "Jamestown," 1882, when she made her voyage from San Francisco to Newport, R. I., around Cape Horn; Hydrographic Office, 1882–3; ordered to open the branch Hydrographic Office, at Baltimore, Md., December, 1883, and remained in charge of the Office until March, 1885, when ordered to duty in the Coast Survey, to take part in the re-survey of New York Harbor; commanded the schooner "Eagre;" ordered to command the steamer "Bache," in November, 1885; Executive Officer of the "Nipsic," 1887–90. Received a vote of thanks from the Legislature of Massachusetts, for rare courage and ability displayed during the Samoan hurricane in March, 1889; commended to the Navy Department by Real-Admiral Kimberly, "for zeal and energy in getting the "Nipsic" afloat after she was beached. He had entire charge of this work, and to his efforts, in a large measure, is due the fact that the "Nipsic" is now afloat without more serious injury." Ordered to duty at the Naval Academy, November, 1890; Executive Officer of the practice-ship "Constellation," 1891, to date.

Thomas Holdup Stevens.—Born in Honolulu, Sandwich Islands. Appointed to Naval Academy, 1863, by President Lincoln, from among sons of officers; graduated, 1868; 1868–9, Pacific Fleet, steamer "Resaca," Mexican and lower California coasts; "Mohican," on scientific expedition to Siberia for observation of total eclipse of sun, August, 1869. Promoted to *Ensign*, July 22, 1869; "Michigan" and "Colorado," 1869–70. Promoted to *Master*, 1870; on duty in Pacific Squadron, 1870–3; flag-ship "Ossipee" and sloop "Cyane;" while attached to latter ship, participated in survey of Isthmus of Tehuantepec for construction of Inter-oceanic Canal; temporarily attached to "Jamestown;" flag-ship "Pensacola," 1872–3, in South Pacific; May, 1873, commanded a company of "blue jackets" during the temporary occupation of Panama by armed forces from "Pensacola" and "Tuscarora," for protection of American interests in time of a rebellion; latter part of 1873, duty at Navy Yard, Norfolk, Virginia; November, 1873, navigator of torpedo-boat "Mayflower," at time of Spanish-American complications. Commissioned as *Lieutenant*, January 23, 1874; flag-ship "Franklin," European Station, 1874–6; "Marion," same station, October, 1876, to April, 1877; Torpedo Station, Newport, Rhode Island, summer of 1877; Executive Officer, receiving-ship "Passaic," 1878; 1878, Torpedo Station, Newport; 1879–80, flag-ship "Richmond," Asiatic Station; 1881, Fleet Signal-Officer, Pacific Station; 1882, duty at Navy Department (War Records); same year, "Miantonomah" and "Galena;" 1884–6, Asiatic Station, "Marion" and "Palos;" August, 1888, receiving-ship "Vermont," Navy Yard, New York; Waiting Orders, November, 1890–91; "Ranger," Pacific Station, November, 1891 to June, 1893; Waiting Orders, June, 1893, to date.

John Augustus Rodgers.—Born in Maryland. Entered Naval Academy, July 29, 1863; graduated, 1868. Promoted to *Ensign*, 1869; Pacific Fleet, 1868–9; S. S. "Supply," 1870; "Nipsic," Darien Expedition, 1870–1. Promoted to *Master*, 1870; torpedo service, 1871–2; "Hartford," Asiatic Station, 1872–5; "Trenton," flag-ship, European Station, 1877–9. Commissioned as *Lieutenant*, 1874; "Juniata," 1876–7; "Constellation," 1879–80; inspector of ordnance, Pittsburgh and Philadelphia, ordnance duty, Navy Yard, Washington, 1880–3; "Ossipee," Asiatic Station, 1883–6; inspector of steel, new cruisers, 1886–7; member of Steel Board, 1888–90; "Pensacola," S. A. Station, July, 1890, to April, 1891; sick leave, April, 1891, to November, 1892; "Miantonomah," N. A. Station, November, 1892, to date.

James William Carlin.—Born May 14, 1848. Entered Naval Academy, July 1864; graduated, June, 1868; "Nipsic," West India Station, 1868–9. Promoted to *Ensign*, April, 1869. Promoted to *Master*, July, 1870; "Saco," European Station, 1870–1; "Saco," Asiatic Station, 1872; "Monocacy," Asiatic Station, 1872–3. Commissioned as *Lieutenant*, February, 1874; torpedo duty, Newport, R. I., 1874; "Brooklyn," S. A. Station, 1875; "Brooklyn," West India Station, 1876; "Adams," West India Station, 1876; "Michigan," lakes, 1877; "Constitution" (training-ship), Philadelphia, 1877; "Constitution," European Station, 1878; "Alaska," Pacific Station, 1881–2; "Lackawanna," Pacific Station, 1882–4; R. S. "Independence," 1884–6; "Alert," Pacific Station, 1886–7; "Vandalia," Pacific Station, 1887–9. Lieutenant Carlin was Executive Officer of "Vandalia," in the memorable hurricane at Apia, Samoa, March, 16, 1889, and after the loss of Captain Schoonmaker, he was in command of the ship. Inspector of Steel, Union Iron Works, San Francisco, May, 1890, to February, 1893; "Monterey," Pacific Station, February, 1893, to date.

Gottfried Blocklinger.—Born in Ohio. Entered Naval Academy, July 21, 1863; graduated, 1868; Pacific Fleet, 1868–72. Promoted to *Ensign*, 1869; to *Master*, 1870; "Kearsarge," Asiatic Station, 1873–6. Commissioned as *Lieutenant*, 1874; torpedo duty, summer of 1877; "Enterprise" (survey Amazon River), 1877–8; "Adams," Pacific Station, 1879–82; Coast Survey, 1882–3; C. S. S. "Hassler," 1883–6; Hydrographic Office, 1886–7; Light-House Inspector, 1887–9; "Alliance," Asiatic Squadron, 1890, to December, 1891; training-ship "Richmond," December, 1891, to April, 1892; "Yorktown," special service, Squadron, April, 1892, to October, 1893; Ordnance Instructor, Navy Yard, Washington, October, 1893, to date.

Perry Garst.—Born in Ohio. Entered Naval Academy, July 25, 1863; graduated, 1868; Pacific Fleet, 1868–73. Promoted to *Ensign*, 1869; to *Master*, 1870; S. S. "Frolic," 1874; Asiatic Fleet, 1874–8. Commissioned as *Lieutenant*, 1874; Coast S. S. "Gedney," 1879–80; commanding C. S. S. "Earnest," 1880–82; "Passaic," 1882; R. S. "Franklin," 1882–3; "Shenandoah," Pacific Station, 1883–6; ordnance duty, Navy Yard, Washington, 1886–8; Judge-Advocate General's Office, 1888–90; training-ship "Jamestown," June, 1890, to July, 1892; Naval Academy, September, 1892, to date.

James Kelsey Cogswell.—Born in Wisconsin. Entered Naval Academy, September, 23, 1863; graduated, 1868; "Powhatan," P. F. 1868–9. Promoted to *Ensign*, 1869; Pacific Fleet, 1870–2. Promoted to *Master*, 1870; "Ticonderoga," N. A. S., 1874. Commissioned as *Lieutenant*, 1874; "Monongahela," S. A. S., 1875–6; "Essex," 1876, N. A. S.; S. A. S., 1877–79; Hydrographic Office, 1879–81; "Vandalia," N. A. Station, 1881–4; Navy Yard, Portsmouth, 1884–5; Navy Yard, Washington, 1886; inspector of ordnance, South Boston Iron Works, 1887–8; "Tallapoosa," S. A. Station, 1888–92; Navy Yard, Portsmouth, May, 1892, to date.

Frederick Singer.—Born in Germany. Entered Naval Academy, 1863; graduated, 1868; "Nipsic," North Atlantic Station, 1868–9. Promoted to *Ensign*, 1869; "Terror," North Atlantic Station, 1869–70. Promoted to *Master*, 1870; signal and ordnance duty, Washington, 1871–2; "Michigan," on lakes, 1872; "Benicia," North Pacific Station, 1872–5. Commissioned as *Lieutenant*, 1874; "Canonicus," North Atlantic Station, 1876–8; "Richmond," Asiatic Station, 1878–9; "Ashuelot," Asiatic Station, 1879–80; "Monocacy," Asiatic Station, 1880; "Richmond, 1880–1; receiving-ship "Independence, 1882–3; torpedo duty, Newport, R. I., 1883; receiving-ships "Colorado," and "Vermont," 1883–4; "Powhatan," 1884; "Quinnebaug," E. S., 1884–7; Office Naval Intelligence, 1887–90; "Ranger," Pacific Station, 1890–1; "Pensacola," Pacific Station, 1891–2; Office of Naval Intelligence, 1892; represented Navy Department on board reviewing-ship "George S. Blake," carrying the Diplomatic Corps at the International Columbian Naval Review, at New York, April, 1893; Chief Intelligence Officer and Member of Board on Construction, Navy Department, July, 1893, to date.

Arthur Bayard Speyers.—Born in New York. Entered Naval Academy, July 23, 1863; graduated, 1868; North Atlantic Fleet, 1868–9. Promoted to *Ensign*, 1869; "Benicia," Asiatic Station, 1869–72. Promoted to *Master*, 1870; "Kansas," North Atlantic Station, 1873–4. Commissioned as *Lieutenant*, 1874; Richmond," S. P. S., 1874–7; Naval Academy, 1877–81; training-ship "Saratoga," 1881–4; Navy Yard, New York, 1884–6; "Chicago," special service, 1886–7; "Galena," North Atlantic Station, 1887–90; training-ship "Minnesota," October, 1890 to July, 1893; "Yorktown," Pacific Station, July, 1893, to date.

Ebenezer Scudder Prime.—Born in New York. Entered Naval Academy, September 21, 1863; graduated, 1868; Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Swatara," North Atlantic Station, 1870–1. Promoted to *Master*, 1870; Asiatic Station, 1872–5. Commissioned as *Lieutenant*, 1874; receiving ship "Colorado," 1876; "Lackawanna," North Pacific Station, 1876–8; C. S. S "McArthur," 1877–8; training-ship "Minnesota," 1879–80; "Yantic," North Atlantic Station, 1881–3; Navy Yard, New York, 1883–6; "Lancaster," South Atlantic Station, 1886–7; "Alliance," South Pacific Station, 1887–8; "Lancaster," European Station, 1888–9; training-ship "Richmond," 1889 to June, 1891; Navy Yard, New York, June, 1891 to May, 1893; "Concord," Asiatic Station, May, 1893, to date.

Nathan Errick Niles.—Born in Pennsylvania. Entered Naval Academy, July 28, 1864; graduated, 1868; "Nipsic," North Atlantic Fleet, 1869–70. Promoted to *Ensign*, 1869; to *Master*, 1870; "Resaca," P. F., 1870–2; "Manhattan" (iron-clad), 1873; "Ossipee," North Atlantic Station, 1874–5. Commissioned as *Lieutenant*, 1874; Torpedo Station, 1875; "Marion," European Station, 1875–7; ordnance duty, Navy Yard, Portsmouth, 1879–82; "Iroquois," Pacific Station, 1882–5; Hydrographic Office, 1885–8; "Atlanta," European Station, 1888 to December, 1891; electric light duty at Navy Yard, Norfolk, December 1891, to date.

Charles Plummer Perkins.—Born in New Hampshire. Entered Naval Academy, July 21, 1865; graduated, 1869; "Lancaster," flag-ship, South Atlantic Station, 1869–71. Promoted to *Ensign*, 1870; torpedo service, 1872. Promoted to *Master*, 1872; "Richmond," North Pacific Station, 1872–5. Commissioned as *Lieutenant*, 1874; Naval Academy, 1875–77; Hydrographic Office, 1877; "Enterprise," 1877; "Gettysburg," European Station, 1878–80; "Alliance," North Atlantic Station, 1880–83; nautical school-ship "St. Mary's," 1883–6; commanding C. S. S. "Eagre," 1886–8; "Swatara," South Atlantic Station, 1888–90; leave of absence, December, 1890, to June 1891; electric light duty at Bath, Maine, June, 1891, to September, 1892; Bureau of Equipment, September, 1892, to date.

Benjamin Horr Buckingham.—Born in Ohio, February 11, 1848. Entered Naval Academy, July 22, 1865; graduated, June 4, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, July 12, 1870; special duty, Darien Expedition, 1870–1; special duty preparing charts for Darien Expedition, 1871–72. Promoted to *Master*, July 12, 1871; gunnery practice-ship "Constellation," 1872–3; "Alaska," European Station, 1873–5. Promoted to *Lieutenant*, July 23, 1874; special ordnance duty, 1875; Torpedo Station, 1876; special ordnance duty, 1876–7; special duty, Paris Expedition, 1877–9; Asiatic Station "Richmond," and "Monocacy," 1879–82; returned to United States by way of Siberia, 1882; special duty, Bureau of Ordnance, 1882–5; Representative of Navy Department International Exposition at New Orleans, and President of Board of Representatives of Executive Departments, 1884–5; Naval Attaché, France, Germany and Russia, 1885–9; Samoan Conference at Berlin, 1889; Naval Attaché, England, 1889; "Chicago," Squadron of Evolution, 1889, to October, 1891; aide to the Secretary of the Navy, October, 1891, to March, 1892; "Dolphin," special service from March, 1892, to date, and has been in command since February, 1893.

Charles Grimes Bowman.—Born in Indiana. Entered Naval Academy, July 29, 1865; graduated, 1869; "Richmond," European Fleet, 1870–1. Promoted to *Ensign*, 1870; "Yantic," Asiatic Station, 1872–4;

"Hartford," same station, 1875. Promoted to *Master*, 1872. Commissioned as *Lieutenant*, 1874; Naval Academy, 1876–9; "Adams," Pacific Station, 1879–82; Naval Observatory, 1882–6; "Boston," special service, 1886–9; Naval Academy, 1889, to July, 1893; Assistant Inspector of the "Marblehead," July, 1893, to date.

William Parker Potter.—Born in New York. Entered Naval Academy, September 27, 1865; graduated, 1869; "Sabine," special cruise, 1870; European Station, 1870–1; "Hartford," Asiatic Station, 1871–4. Promoted to *Ensign*, 1870, and to *Master*, 1872; Naval Academy, 1874–7. Commissioned as *Lieutenant*, 1874; "Powhatan," North Atlantic Station, 1878; "Tennessee," North Atlantic Station, 1878–81; Naval Academy, 1881–4; "Lancaster," European Station, 1884–7; Naval Academy, 1887, to June, 1891; "Chicago," European Station, June, 1891, to date.

William Henry Beehler.—Born in Baltimore, Md., April 2, 1848. Entered Naval Academy, July 28, 1864; graduated, 1868; Pacific Station, 1868–69; North Atlantic Station, 1870. Promoted to *Ensign*, April 19, 1870; U. S. S. "Swatara," 1869–70; U. S. S. "Nipsic," 1870; League Island Naval Station, 1871; S. S. "Frolic," 1871–2. Promoted to *Master*, 1872; U. S. S. "Portsmouth," 1872–3; U. S. R. S. "Independence," 1873; sick-leave, 1873–4; U. S. R. S. "New Hampshire," 1874; "Worcester," 1874–5; sick-leave, 1875–6. Commissioned as *Lieutenant*, September 10, 1874; "Brooklyn," S. A. Station, 1881–4; Office Naval Intelligence, 1884–9; "Adams," 1889–90; "Ranger," 1890–1; "Pensacola," 1891 to April, 1892; Naval Observatory, July to December, 1892; Hydrographic Office, Chief of Division of Marine Intelligence, December, 1892 to date.

Giles Bates Harber.—Born in Ohio. Entered Naval Academy, July 24, 1865; graduated, 1869; "Sabine," special cruise, 1869. Promoted to *Ensign*, 1870; "Franklin," European Squadron, 1870–1. Promoted to *Master*, 1872; Asiatic Station, 1872–5. Commissioned as *Lieutenant*, 1874; "Omaha," S. P. S. 1875–8; ordnance duty, Navy Yard, Washington, 1878–79; "Tennessee," N. A. Station, 1879–81; "Alarm," special service, 1881; commanding "Alarm," special service, 1881–2; special duty, Arctic regions, 1882–4; ordnance duty, Navy Yard, Washington, 1884–5; training-ship "Saratoga," 1885–6; "Tallapoosa," S. A. Station, 1886–8; Naval Academy, 1889, to March, 1892; commanding Coast Survey steamer "Hassler," March, 1892, to date.

John Garvin.—Born in Pennsylvania. Commencing May, 1864, served four months as a private in the 169th Regiment, O. V. I. Entered Naval Academy, 1865; graduated, 1869; U. S. S. "Lancaster," S. A. Station, from July 1, 1869, to Aug. 30, 1871; U. S. S. "Portsmouth," S. A. Station, from Aug. 30, 1871, to Nov. 2, 1871; U. S. S. "Constellation," N. A. Station, Feb. and March, 1872, gunnery-ship for seamen gunners; U. S. S. "Hartford," Asiatic Station, from October 5, 1872, to April 2, 1873; U. S. S. "Lackawanna," Asiatic Station, from April 2, 1873, to August 14, 1873, sick leave from October to end of year; U. S. S. "Shawmut," N. A. Station, from March 13, 1874, to September 11, 1876; Hydrographic Office, from June 11, 1877, to May 20, 1878; Coast Survey steamer "Gedney," from May 20, 1878, to July 31, 1879; U. S. S. "Pensacola," Pacific Station, from September, 1879, to February 16, 1881; "Wachusett," Pacific Station, from February 16, 1881, to October 19, 1882; Naval Observatory, from April 6, 1883, to December 31, 1885; U. S. S. "Vandalia," Pacific Station, from February 10, 1886, to July 5, 1887; U. S. S. "Alert," Pacific Station, from July 5, 1887, to March, 1889; Naval Academy, June, 1889, to September, 1891; sick leave, Septem-

ber, 1891, to September, 1892; U. S. S. "Atlanta," September 1, 1892, to November 23, 1892; "Monocacy," Asiatic Station, January, 1893, to October, 1893. At present on sick leave.

Sumner Cummings Paine.—Born in Portland, Maine. Entered Naval Academy, September 22, 1865; graduated, June, 1869. Promoted to *Ensign*, July, 1870; to *Master*, July, 1871; to *Lieutenant*, October, 1874. Service: "Sabine" (special cruise), July, 1869, to August, 1870; Darien Expedition, November, 1870, to June, 1871; "Wabash" and "Wachusett," European Station, October, 1871, to July, 1874; Darien Expedition, November, 1874, to June, 1875; "Frolic" and "Brooklyn," South Atlantic Station, July, 1875, to May, 1876; Torpedo Station (under instruction), May to October, 1876; Hydrographic Office, November, 1876, to March, 1877; "Saratoga," March, 1877, to March, 1878; Naval Academy, May, 1878, to December, 1880; "New Hampshire," June, 1881, to May, 1882; "Vandalia," North Atlantic Station, May, 1882, to November, 1884; "Dolphin," November, 1884, to May, 1885; commanding C. S. S. "Ready," May, 1885, to December, 1885; Naval Observatory, December, 1885, to May, 1888; commanding C. S. S. "Eagre," May, 1888, to March, 1889; duty connected with "Vesuvius," March and April, 1889; "Iroquois," Pacific Station, May, 1889, to May, 1892; Naval Academy, June, 1892, to date.

Arthur Patterson Osborn.—Born in Ohio. Entered Naval Academy, July 31, 1865; graduated, 1869; "Lancaster," flag-ship, S. Atlantic Station, 1869–71. Promoted to *Ensign*, 1870; to *Master*, 1872; "Shawmut," N. Atlantic Station, 1873–6. Commissioned as *Lieutenant*, 1874; Naval Academy, 1877; nautical school-ship "St. Mary's," 1877–81; "Quinnebaug," European Station, 1881–4; R. S. "New Hampshire," 1885–6; school-ship "St. Mary's," 1886–9; "Thetis," N. A. Station, 1889 to December, 1892; special duty, December, 1892, to January, 1893; school-ship "Enterprise," January, 1893, to date.

John Bradford Briggs.—Born in Massachusetts. Entered Naval Academy, September 30, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; torpedo instruction, 1871; "Shawmut," N. Atlantic Station, 1871–2. Promoted to *Master*, 1872; "Kansas," N. Atlantic Station, 1873–4. Commissioned as *Lieutenant*, 1874; Naval Academy, 1875–8; "Lackawanna," Pacific Station, 1878–81; Naval Academy, 1881–4; "Quinnebaug," European Station, 1884–6; Naval Academy, 1887–90; Bureau of Equipment, December, 1890, to February, 1891; "Vesuvius," N. A. Station, February, 1891, to date.

Newton Eliphalet Mason.—Born in Pennsylvania. Entered Naval Academy, July 24, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; torpedo instruction, 1871; "Wabash," European Squadron, 1871–2. Promoted to *Master*, 1872; "Manhattan" (iron-clad), N. A. Station, 1873; "Kansas," same station, 1874–5. Commissioned as *Lieutenant*, 1874; "Catskill" (iron-clad), N. A. Station, 1875–76; "Ossipee," same station, 1876–7; R. S. "St. Louis," 1878–80; "Monocacy," Asiatic Station, 1880–83; "Pensacola," Asiatic Station, 1883–4; ordnance duty, Navy Yard, Washington, 1884–5; Bureau of Ordnance, 1885–9; "Petrel," N. A. Station, 1889 to October, 1891; "Miantonomah," N. A. Station, October, 1891, to November, 1892; Bureau of Ordnance, November, 1892, to June, 1893; Inspector of Ordnance, in charge of Naval Ordnance Proving Grounds, June, 1893, to date.

Arthur Phillips Nazro.—Born in Milwaukee, Wisconsin, December 3, 1850. Appointed to the Naval Academy by Hon. Oakes Ames, from

Richmond

Second Congressional District of Massachusetts, in 1865; was graduated in 1869; cruised in the Mediterranean aboard the "Sabine" and "Franklin." Promoted to *Ensign*, July 12, 1870; and *Master*, October 14, 1871; joined the "Portsmouth" and went to South Atlantic Station, where he was transferred to the "Lancaster," and then to the "Ticonderoga;" proceeded in the latter to Key West at the time of the "Virginius" affair; transferred to the "Colorado," and then to the "Congress," in which cruised in the Mediterranean until 1875, when returned to the United States; was examined for *Lieutenant*, to which grade he was promoted in November 19, 1874; joined the "Hartford" on the North Atlantic Station; was transferred to the "Plymouth," and from that vessel was ordered to the Naval Academy; in 1879 joined the "Constitution," going from her to the "Minnesota," and from that vessel to Washington as Recorder of the Board of Inspection; joined the torpedo class of 1884 at Newport, and from there went to ordnance duty at the Washington Navy Yard; from January, 1885, to September, 1888, served on the North Atlantic Station aboard the "Powhatan," "Tennessee," and "Richmond;" was again ordered to duty aboard the "Minnesota," from which was ordered as member of Board of Inspection of merchant vessels, and also placed in charge of the Branch Hydrographic Office, New York; placed on waiting orders June, 1891, to July, 1892; "Chicago," N. A. Station July, 1892, to date.

William Wirt Kimball.—Born in Maine. Entered Naval Academy, July 31, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1869; torpedo instruction, 1870–1; "Shawnee," North Atlantic Fleet, 1871–2. Promoted to *Master*, 1872; experimental battery, 1873; "Intrepid" (torpedo-boat), 1874; experimental battery, 1875. Commissioned as *Lieutenant*, 1875; "Alert," Asiatic Station, 1875–9; special duty, 1879–82; "Tennessee," N. A. Station, 1882–6; Bureau of Ordnance, 1886–90; on furlough, March, 1890, to May, 1891; "San Francisco," S. A. Station, May, 1891, to date.

Charles Frederick Norton.—Born in Wisconsin. Entered Naval Academy, July 27, 1863; graduated, 1869; Pacific Fleet, 1869–72. Promoted to *Ensign*, 1869; to *Master*, 1872; "Ajax" (iron-clad), North Atlantic Station, 1873–4; "Worcester," flag-ship, North Atlantic Station, 1875. Commissioned as *Lieutenant*, 1875; "Alert," Asiatic Station, 1875–9; "Nipsic," special duty, 1879–83; training-ship "Minnesota," 1883–6; "Tallapoosa," S. A Station, 1886–8; "Kearsarge," special service, 1888–9; Navy Yard, New York, 1889–93; "Adams," Pacific Station, May, 1893, to date.

William Plummer Day.—Born in New York. Entered Naval Academy, July 21, 1865; graduated, 1869; "Juniata," European Station, 1869–71. Promoted to *Ensign*, 1869; "Wyoming" (third-rate), 1872. Promoted to *Master*, 1872; "Dictator" (iron-clad), North Atlantic Fleet, 1873–4; "Despatch," special service, 1875–7. Commissioned as *Lieutenant*, 1875; "Hartford," S. A. Station, 1877–9; "Quinnebaug," European Station, 1881–4; "Alliance," S. A. Station, 1886–7; "Lancaster," S. A. Station, 1887–8; "Alliance," S. A. Station, 1888–9; waiting orders, December, 1890, to December, 1891; R. S. "Franklin," December, 1891, to March, 1893; "Machias," N. A. Station, March, 1893, to date.

John Clark Wilson.—Entered Naval Academy, 1865; graduated 17 in a class of 74, 1869; first cruise on "Sabine" to Europe; transferred to "Franklin," European Station, serving two and a half years in all. Promoted to *Ensign*, July, 1870; served three years on Asiatic Station in "Iro-

quois," "Monocacy," "Saco" and "Ashuelot." Promoted to *Master*, 1871, and to *Lieutenant*, 1875; served three years on each of the following: "Omaha," on South Pacific Station; "Tennessee," North Atlantic Station; "Vandalia," Pacific Station; volunteered for a second cruise in "Vandalia," when that ship was ordered to Samoa; was wrecked on "Vandalia" in harbor of Apia March 15–16, 1889; was sent by Commander-in-Chief to Auckland to telegraph news of disaster and charter steamer to bring home survivors; chartered steamer in Sydney, provisioned and supplied her, and returned to Samoa and brought 480 men and 22 officers (survivors of wreck) to San Francisco; made a portion of a cruise in U. S. S. "Atlanta," North Atlantic Station; at present attached to training-ship "Monongahela." Shore duty: Ordnance, Navy Yard, Washington; Naval Observatory; Board of Inspection, San Francisco; Navy Yard, New York.

Uriah Rose Harris.—Born in Indiana. Entered Naval Academy, July 22, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1869; Pacific Fleet, 1870–2. Promoted to *Master*, 1872; "Narraganset," Pacific Fleet, 1873–5. Commissioned as *Lieutenant*, 1875; Coast Survey, 1875–6; Navy Yard, Mare Island, 1876–7; Coast Survey, 1877–9; "Shenandoah," S. A. Station, 1879–82; Naval Observatory, 1882–84; Navy Yard, Mare Island, 1884–7; "Ranger," North Pacific Station, 1887–90; Naval Academy, November, 1890, to date.

Richard Graham Davenport.—Born in Washington, D. C., January 11, 1849. Appointed to U. S. Naval Academy, Newport, R. I., September 29, 1864; graduated, June, 1869; joined U. S. S. "Sabine," Boston, Mass., June 30, 1869; U. S. S. "Richmond," European Squadron, Lisbon, Portugal, September, 1869, to November, 1871. Promoted to *Ensign*, July 12, 1870; waiting orders, November, 1871, to January, 1872. Promoted to *Master*, January 20, 1872; U. S. S "Iroquois," Asiatic Station, March to September, 1872; U. S. S. "Saco," Asiatic Station, September 21, 1872; U. S. flag-ship "Hartford," Asiatic Station, June, 1874, to March, 1875. Promoted to *Lieutenant*, March 17, 1875; torpedo station, Newport, R. I., June to October, 1875; duty as Aide to Rear-Admiral Thornton A. Jenkins, U. S. N., representing the Navy Department at the Centennial, Philadelphia, Pa., October, 1875, to September, 1876; U. S. S. "Essex," North Atlantic Squadron, October, 1876, to July, 1877; Aide to Commander-in-Chief and Fleet Signal-Officer on the Staff of Rear-Admiral T. H. Patterson, commanding Asiatic Station, October, 1877, to July, 1880; ordnance duty at Navy Yard, Washington, March, 1880, to May, 1881; torpedo station, Newport, R. I., June to September, 1881; ordnance duty, Navy Yard, Washington, D. C., October, 1881, to January, 1882, U. S. S. "Jamestown," February, 1882, to November, 1884; Hydrographic Office, Navy Department, Washington, D. C., November, 1884, to August, 1887; War College, Newport, R. I., September, 1887, to November 1, 1887; U. S. S. "Nipsic," Pacific Station, November, 1887, to July, 1890; Hydrographic Office, Navy Department, November, 1890, to April, 1892; Member of the Board of Civil Service Examiners for Nautical Experts, June to October, 1892; Hydrographic Office, October, 1892, to July, 1893; Bath Iron Works, Bath, Maine, July 20, 1893; detached from Bath Iron Works, Bath, Maine, and ordered to Navy Yard, Portsmouth, N. H., October 30, 1893; Navy Yard, Portsmouth, N. H., as Executive-Officer of the U. S. S. "Castine," from October, 1893, to date.

Edward Battevant Barry.—Born in New York City. Entered Naval Academy, July 21, 1865; three practice cruises, "Macedonian" and "Savan-

nah;" graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; signal, 1870–1; "Worcester," special cruise with provisions for France, 1871; "Wabash," flag-ship, European Station, 1871–2; "Brooklyn," European Station, 1872–3. Promoted to *Master*, 1872; "Wachusett," European and North Atlantic Stations, 1873–4; receiving-ship "Vermont," 1874–5; "Roanoke," flag-ship of Vice-Admiral Rowan, 1875; transferred to "Minnesota," and member of board to organize training-system, 1875–6. Commissioned as *Lieutenant*, 1875; store-ship "New Hampshire," 1876–8; "Alaska," Pacific Station, 1878–80; witnessed the Chilian torpedo-boat attack on the Peruvian man-of-war "Union," at Callao, and two of the bombardments of that place, also the blowing up of the Chilian steamer "Loa;" "Richmond," Admiral's Secretary, Asiatic Station, 1880–1; "Monocacy," Asiatic Station, 1881–2; "Richmond," Asiatic Station, 1882–3; Naval Academy, 1883–6; summer practice cruises, "Constellation," 1884–5; "Alliance," South Atlantic Station, 1886–7; "Lancaster," flag-ship South Atlantic Station, 1887–8; "Alliance," South Atlantic Station, 1888–9; Bureau of Navigation, 1889, to March, 1891; "Marion," Asiatic Station, March, 1891, to date.

Charles Wister Ruschenberger.—Born in Pennsylvania. Entered Naval Academy, July 23, 1864; graduated, 1869; "Juniata," 1869; European Station, 1870–1. Promoted to *Ensign*, 1870; "Iroquois," Asiatic Station, 1872–4. Promoted to *Master*, 1872; R. S. "Potomac," 1875–6. Commissioned as *Lieutenant*, 1875; "Gettysburg," special service, Mediterranean, 1876–7; "Marion," European Station, 1877–9; R. S. "St. Louis," 1880–2; Torpedo School, 1882; "Iroquois," Pacific Station, 1882–3; Navy Yard, League Island, July to October, 1883; "Yantic," North Atlantic Station, 1883–4; training-ship "Jamestown," 1884–6; U. S. S. "Saratoga," May to December, 1886; R. S. "St. Louis," 1886–8; Navy Yard, League Island, 1888–9; "Kearsarge," North Atlantic Station, 1889–92; Midvale Steel Works, as Inspector of Ordnance Steel, July, 1892, to date.

Charles Augustus Bradbury.—Born in Vermont. Entered Naval Academy, July 27, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; signal duty, 1871; "Worcester," North Atlantic Station, 1871–2. Promoted to *Master*, 1872; Coast Survey, 1873–6. Commissioned as *Lieutenant*, 1875; "Despatch," special service in Europe, 1877–9; "Constellation" (training-ship), 1879–81; school-ship "St. Mary's," 1881–4; Bureau of Ordnance, 1884–9; "Yorktown" Squadron of Evolution, 1889–91; Bureau of Ordnance, October, 1891, to April, 1893; sick leave, April, 1893, to date.

Herbert Winslow.—Born in Massachusetts. Entered Naval Academy, July 21, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; "Richmond," European fleet, 1870–1. Promoted to *Master*, 1872; "Narraganset," N. Pacific, 1873–4; "Benicia," 1875; "Lackawanna," Pacific Fleet, 1875–6. Commissioned as *Lieutenant*, 1876; Hydrographic Office, 1876–7; "Portsmouth," training-ship, 1877–8; "Marion," ———, 1878–9; "Powhatan," North Atlantic Station, 1879–80; Navy Yard, Portsmouth, 1880–2; training-ship "Portsmouth," 1882–5; ordnance duty, Navy Yard, Washington, 1885–9; "Adams," 1889–90; training-ship, "Portsmouth," October, 1890, to September, 1892; ordnance duty, Navy Yard, Washington, September, 1892, to date.

William Henry Turner.—Born in Ohio. Entered Naval Academy, July 22, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; "Tennessee," special service, 1870–1; "Wachusett," European

Squadron, 1871–2. Promoted to *Master*, 1872; "Saco," Asiatic Station, 1872–4; "Omaha," S. P. Fleet, 1875–6. Commissioned as *Lieutenant*, 1876; Signal Office, 1877–8; "Vandalia," North Atlantic Station, 1879–82; Naval Academy, 1882–5; training-ship "Portsmouth," 1885–8; Navy Yard, New York, 1889–92; "Newark," S. A. Station, June, 1892, to date.

George Partridge Colvocoresses.—Born in Vermont, 1847. Served nearly two years as captain's clerk on board U. S. ships "Supply" and "Saratoga" during the civil war. Entered the Naval Academy, September 2, 1864; graduated, 1869; "Lancaster," flag-ship, South Atlantic Station, 1869–71. Commissioned *Ensign*, 1870. Commissioned *Master*, 1872; "Hartford," flag-ship, Asiatic Station, "Lackawanna," and "Ashuelot," 1872–5. Commissioned *Lieutenant*, 1875; Hydrographic Office, 1875–6; U. S. ships "Gettysburg" and "Enterprise," European Station, 1876–9; Hydrographic Office, 1879–82; U. S. S. "Hartford," Pacific Station, 1882–4; U. S. training-ship "Saratoga," 1884–6; U. S. Naval Academy, 1886–9; "Enterprise," N. A. Station, July, 1890, to November, 1891; "Concord," S. A. Station, November, 1891, to June, 1893; Naval Academy, June, 1893, to date.

Charles Elwood Colahan.—Born in Pennsylvania. Entered Naval Academy, July 21, 1865; graduated, June 4, 1869; "Juniata" and "Franklin," European Station, 1869–71. Promoted to *Ensign*, July 12, 1870; "Portsmouth," "Lancaster," "Wasp" and "Ticonderoga," Brazil Station, 1872–5. Promoted to *Master*, August 13, 1872, and to *Lieutenant*, July 20, 1875; receiving-ship "Potomac," 1875–6; training-ship "Constitution," 1877; "Tennessee" and "Monocacy," Asiatic Station, 1877–80; Navy Yard, League Island, Pa., 1880–2; "Tallapoosa" and "Tennessee," N. A. Station, 1883–6; Naval Academy, 1886–9; "Constellation," 1887; Board of Organization, 1889–90; "Bennington," N. A. Station, July, 1890, to August, 1893; Naval Academy, 1893, to date.

Wainwright Kellogg.—Born in Pennsylvania. Entered Naval Academy, September 29, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; "Richmond," European Station, 1870–1; "Lancaster," flag-ship, S. Atlantic Station, 1872–4. Promoted to *Master*, 1872; "Wasp," S. Atlantic Station, 1874–6. Commissioned as *Lieutenant*, 1876; "Essex," S. Atlantic Station, 1876–7; "Monongahela," Asiatic Station, 1877–9; "Michigan," N. W. Lakes, 1879–81; "Essex," Pacific Station, 1881–5; special duty, Navy Department, 1885–6; "Boston," N. A. Station, 1886, to September, 1890; Electric Light duty, Philadelphia, September, 1890, to August, 1893; New York, S. A. Station, August, 1893, to date.

Albert Gleaves Berry.—Born in Tennessee. Entered Naval Academy, July 28, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; "Franklin," flag-ship, European Station, 1870–1; "Lancaster," flag-ship, S. Atlantic Station, 1872–4. Promoted to *Master*, 1872; "Wasp," S. Atlantic Station, 1874–6. Commissioned as *Lieutenant*, 1876; training-ship "Monongahela," 1876–9; "Despatch," (despatch-boat), 1881; ordnance duty, Navy Yard, Washington, 1881–2; Signal Office, 1882–3; "Trenton," Asiatic Station, 1883; "Palos," Asiatic Station, 1883–5; "Trenton," Asiatic Station, 1885–6; ordnance duty, Navy Yard, Washington, 1886–9; San Francisco, unassigned, December 1, 1890, to July, 1893; leave of absence, July, 1893, to date.

John Alexander Norris.—Born in Pennsylvania. Entered Naval Academy, September 28, 1865; graduated, 1869; "Sabine," 1869–70; signal duty, 1870–1. Promoted to *Ensign*, 1870; "Worcester," North Atlantic Fleet,

1871–2. Promoted to *Master*, 1872; Torpedo Station, 1873; "Mayflower," North Atlantic Station, 1874; Hydrographic Office, 1874–5; "Gettysburg," special service, 1875–6. Commissioned as *Lieutenant*, 1876; Hydrographic Office, 1876–7; "Guard," store-ship, 1877–8; Hydrographic Office, 1878–9; Bureau of Navigation, 1879–81; "Palos," Asiatic Station, 1881–2; Bureau of Navigation, 1882–5; "Iroquois," Pacific Station, 1885–8; special longitude duty, 1888, to April, 1891; "Lancaster," Asiatic Station, April, 1891, to date.

William Hale Driggs.—Born in Michigan. Entered Naval Academy, July 21, 1865; graduated, 1869; "Sabine," 1869. Promoted to *Ensign*, 1870; "Franklin," 1870–2. Promoted to *Master*, 1872; Atlantic Fleet, 1873; "Worcester," flag-ship, North Atlantic Station, 1874–5; "Hartford," 1875–6. Commissioned as *Lieutenant*, 1876; R. S. "Colorado," 1876–7; Coast Survey, 1877–8; R. S. "New Hampshire," 1879–80; "Pensacola," Pacific Station, 1880–3; special duty, Navy Department, 1883–6; office of Naval Intelligence, 1886–7; training-ship, "Saratoga," 1887–8; waiting orders, June, 1888, to date.

Nathaniel Jordan Knight Patch.—Born in Maine. Entered Naval Academy, September 20, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; signal duty, 1870–1; "Worcester," North Atlantic Fleet, 1871–2. Promoted to *Master*, 1872; "Richmond," North Pacific Fleet, 1873–7. Commissioned as *Lieutenant*, 1876; R. S. "Wabash," 1877–8; "Richmond," Asiatic Station, 1878–81; Navy Yard, Boston, 1881–3; "Powhatan," special duty, 1883–4; "Kearsarge," European Station, 1884–6; Navy Yard, Boston, 1887–90; "Charleston," Pacific Station, February, 1890, to June, 1893; leave of absence, June, 1893, to September, 1893; in charge of Branch Hydrographic Office, Boston, September, 1893, to date.

Thomas Stowell Phelps, Jr.—Born in Virginia. Entered Naval Academy, July 25, 1865; graduated, 1869; "Juniata," European Station, 1869–70. Promoted to *Ensign*, 1870; European Station, 1870–1. Promoted to *Master*, 1872; sick-leave, 1873; "Richmond," North Pacific Fleet, 1874; "Pensacola," Pacific Fleet, 1876–9. Commissioned as *Lieutenant*, 1876; Navy Yard, Mare Island, 1881–2; on furlough, 1883; "Brooklyn," South Atlantic Station, 1883–5; "Hartford," Pacific Station, 1885–6; "Palos," Asiatic Station, 1887 to August, 1891; receiving-ship "Independence," August, 1891, to date.

Karl Rohrer.—Born in Germany. Appointed from Missouri. Entered Naval Academy, July, 1865; graduated, June, 1869; frigate "Sabine," 1869–70, Mediterranean and South America. Promoted to *Ensign*, 1870; "Pawnee," West Indies, 1871–2. Promoted to *Master*, 1872; "Constellation," West Indies, 1873; Torpedo Station, 1873; "Colorado," West Indies, 1873–4; "Juniata," Mediterranean, 1874–6. Commissioned as *Lieutenant*, 1876; Torpedo Station, 1876; Washington Navy Yard, 1876–81; "Constitution," 1878; "Essex," Pacific Station, 1881–5; Torpedo Station, 1885–9; "Chicago," Squadron of Evolution, 1888–90; "Vesuvius," N. A. Station, September, 1890, to September, 1892; Inspector of Steel, Bethlehem Iron Works, April, 1892, to date.

John Augustine Heard Nickels.—Born in Massachusetts. Entered Naval Academy, October 8, 1864; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; "Richmond," European Squadron, 1869–71; Asiatic Station, 1872–5. Promoted to *Master*, 1872; Navy Yard, Boston, 1875; "Montauk" (iron-clad), North Atlantic Station, 1875–6. Commissioned as *Lieutenant*, 1876; "Adams," South Atlantic Sta-

tion, 1876–9; Navy Yard, Boston, 1879–80; Coast Survey, 1880–1; Navy Yard, Norfolk, 1881–82; "Hartford," Pacific Station, 1882–5; Navy Yard, New York, 1885–6; "Chicago," Squadron of Evolution, 1889, to August, 1891; Navy Yard, New York, August, 1891, to date.

Clinton Kidd Curtis.—Born in West Virginia. Entered Naval Academy, September 27, 1865; graduated, June, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; "Pawnee" and "Dictator," 1871; "Powhatan," 1872. Promoted to *Master*, November, 1872; "Supply," 1873; "Powhatan," 1874–6, during which time commanded temporarily, the monitors "Montauk," "Catskill," and "Nantucket," in transferring these vessels to various stations along the coast. Promoted to *Lieutenant*, June, 1876; R. S. "Worcester," 1876–7; "Essex," South Atlantic Station, 1877–9; "New Hampshire," 1880–1; R. S. "Franklin," 1881–3; "Alert," China Station, 1883–6; R. S. "St. Louis" and "Franklin," 1887–90; "Essex," S. A. Station, April, 1890, to July, 1893; Navy Yard, Norfolk, July, 1893, to date.

Theodoric Porter.—Born in District of Columbia. Entered Naval Academy, July 25, 1865; graduated, 1869; "Brooklyn," European Fleet, 1869–72. Promoted to *Ensign*, 1870; to *Master*, 1872; special duty, Washington, 1873–4; torpedo instruction, 1874; special duty, Washington, 1875; torpedo-boat "Alarm," 1875–6. Commissioned as *Lieutenant*, 1876; "Swatara," North Atlantic Fleet, 1876–9; Naval Academy, 1877–9; "Powhatan," N. A. Station, 1879–83; Naval Academy, 1883–7; "Trenton," 1887–8; special duty, 1889, to June, 1891; "Alliance," Pacific Station, June, 1891, to date.

Daniel Delehanty Vincent Stuart.—Born in New York. Entered Naval Academy, September 23, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; "California" (second-rate), Pacific Fleet, 1870–2. Promoted to *Master*, 1872; "Pinta," N. A. Squadron, 1873; "Roanoke" (iron-clad), N. A. Station, 1874; "Ashuelot," Asiatic Station, 1874–8. Commissioned as *Lieutenant*, 1876; R. S. "Colorado," 1877–80; "Galena," European Station, 1880–3; Navy Yard, New York, 1883–5; Coast Survey, 1885–7; "Enterprise," European Station, 1887–8; "Pensacola," special service, 1888–9; training-ship "Portsmouth," 1889–90; Naval Academy, November, 1890, to November, 1893; waiting orders, November, 1893, to date.

William Couenhover Strong.—Born in New York. Entered Naval Academy, Sept. 22, 1864; graduated, 1868; "Benicia," Asiatic Fleet, 1869–72. Promoted to *Ensign*, 1869; to *Master*, 1870; South Atlantic Station, 1873; "Monongahela," South Atlantic Station, 1874–6. Commissioned as *Lieutenant*, 1874; Torpedo duty, summer of 1877; R. S. "Independence," 1877–8; "Wyoming," European Station, 1878–81; Signal Office, Washington, 1881–2; Wachusett," Pacific Station, 1882–3; "Marion," Asiatic Station, 1885; "Trenton," Asiatic Station, 1885–6; "Swatara," S. A. Station, 1888–9; "Ranger," Pacific Station, March, 1892, to date.

John Henry Moore.—Born in New York. Entered Naval Academy, July 31, 1865; graduated, 1869; "Sabine," special cruise 1869–70. Promoted to *Ensign*, 1870; "Franklin," flag-ship, European Fleet, 1870–1; Asiatic Station, 1872–7. Promoted to *Master*, 1872. Commissioned as *Lieutenant*, 1876; Signal Office, Washington, 1877–9; training-ship "Constitution," 1879–81; Hydrographic Office, 1881–5; "Marion," Asiatic Station, 1885–6; "Omaha," Asiatic Station, 1886–8; Navy Yard, Norfolk, 1888–90; granted furlough, March, 1890, to March, 1891; waiting orders, March, 1891, to March, 1892; "Thetis," special service, March, 1892, to date.

Kossuth Niles.—Born in Illinois. Mustered into the military service of the United States in the 142d Regiment, Illinois Volunteers, June, 1864; mustered out, October, 1864; entered Naval Academy, September 23, 1865; graduated, 1869; "Sabine," special service, 1869–70. Promoted to *Ensign*, 1870; North Atlantic Fleet, "Pawnee," 1870–1; monitor "Terror," 1871–2; Naval Station, Mound City, Illinois, 1872; Nicaragua Canal Surveying Expedition, 1872–3. Promoted to *Master*, 1873; Torpedo Station, 1873; North Atlantic Station, "Frolic," 1874; Coast Survey, commanding schooner "Silliman," 1874–6; steamer "Barataria," 1876–7. Commissioned as *Lieutenant*, 1876; "Michigan," 1877–8; "Constellation" (American exhibit to Paris Exposition), 1878; North Atlantic Squadron "Swatara," 1878; "Ticonderoga" (flag ship), special cruise around the world, 1878–81; ordnance duty, Navy Yard, Washington, 1881–4; "Powhatan," 1884; "Lancaster" (flag-ship), European Station, 1884–5; and of the South Atlantic Station, 1885–7; "Trenton," 1887; ordnance duty, Navy Yard, Washington, 1887–8; Inspector of Ordnance, Midvale Steel Works, Pa., 1888; Bureau of Ordnance, 1887, to July, 1893; "Detroit," S. A. Station, July, 1893, to date.

Charles Ansyl Clarke.—Appointed from Iowa. Entered Naval Academy, July, 1864; *Ensign*, July, 1870; *Master*, March, 1873; *Lieutenant*, July, 1877; "Sabine," 1869–70; "Colorado," Asiatic Fleet, 1871–4; "Michigan," 1875–6; R. S. "Franklin," 1876–7; "Portsmouth," training-ship, 1877–8; "Adams," Pacific Station, 1880–3; "Nipsic," S. A. Station, 1883–6; R. S. "Independence," 1887–9; "Iroquois," Pacific Station, 1889–92; R. S. "Independence," October, 1892, to date.

John Huntington Crane Coffin.—Son of Officer. Naval Academy, July, 1865; *Ensign*, July, 1870; *Master*, Mar., 1873; *Lieutenant*, Aug., 1877; "Sabine," 1869–70; "Wachusett," European Station, 1871–4; Darien Survey, 1874–6; "Monocacy," Asiatic Station, 1876–9; Navy Yard, Washington, 1879–81; Torpedo Station, 1881; Navy Yard, Washington, 1881–2; "Lackawanna," Pacific Station, 1882–5; R. S. "Franklin," 1885–7; inspector of steel, new cruisers, 1887–8; "Richmond," S. A. Station, 1888–90; waiting orders, October, 1890, to November, 1891; Navy Yard, Mare Island, Cal., Nov., 1891, to April, 1893; "Boston," Pacific Station, April, 1893, to Nov., 1893; Navy Yard, Mare Island, Nov., 1893, to date.

Dennis Hart Mahan.—Son of Officer. Naval Academy, July, 1865; *Ensign*, July, 1870; *Master*, February, 1873; *Lieutenant*, September, 1877; "Sabine," 1869–70; "Tennessee," on special service, San Domingo Expedition, 1871; "Wachusett," "Shenandoah," and "Congress," on European Squadron, 1871–4; "Plymouth," N. A. Squadron, 1874–5; "Supply," special duty, 1876; again in 1877; training-ship "Minnesota," 1877–8; R. S. "Independence," 1879–80; "Alert," "Ashuelot," and "Richmond," Asiatic Squadron, 1880–3; "Pensacola," special service, 1883–4; training-ship "Minnesota," 1885; Naval Academy, 1886–8; War College, 1888; Coast Survey, 1888–90; "Alert," special service, October, 1890, to December, 1893; Hydrographic Office, December, 1893, to date.

William Franklin Low.—Appointed from New Hampshire. Naval Academy, July, 1865; *Ensign*, July, 1870; *Master*, April, 1873; *Lieutenant*, Nov., 1877; "Sabine," 1869–70; "California," Pacific Station, 1870–3; "Kansas," N. A. Station, 1873–6; Coast Survey, 1876–7; "Vandalia," 1877–9; R. S. "Colorado," 1879–81; "Minnesota," training-ship, 1881; "Despatch" (despatch-boat), 1881–3; "Powhatan," N. A. Station, 1884–6; training-ship "Saratoga," 1886–7; Naval Academy, 1887–91; Coast Survey

Office, July, 1891, to January, 1892; commanding Coast Survey schooner "Eagre," January, 1892, to date.

Richard Mitchell.—Appointed from Massachusetts. N. A., July, 1864; *Ensign*, July, 1870; *Master*, April, 1873; *Lieutenant*, December, 1877; "Sabine," 1869–70; "Ticonderoga," S. A. Station, 1871–4; "Plymouth," N. A. Station, 1874–6; Coast Survey, 1876–9; "Rio Bravo," special service, 1879–81; "Wyoming,' N. A. Station, 1881–2; "Juniata," Asiatic Station, 1882–5; Naval Academy, 1885–9; "Mohican," Pacific Station, 1889–90; sick leave, Oct., 1890, to Sept., 1891; "Yantic," S. A. Station, Sept., 1891, to date.

William Maxwell Wood.—Appointed from Indiana. N. A., July, 1865; *Ensign*, July, 1871; *Master*, August, 1874; *Lieutenant*, Dec., 1877; "Brooklyn," European Station, 1871–4; Coast Survey, 1875–7; "Saratoga," training-ship, 1877–81; commanding "Lookout," special service, 1881–2; commanding "Fishhawk," special service, 1882–4; Navy Yard, Washington, 1884–5; "Juniata," Pacific Squadron, 1885–9; "Alliance," 1890; granted furlough, October, 1890, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to date.

Nelson Townsend Houston.—Born in New York. Entered Naval Academy, July 28, 1865; graduated, 1869; "Sabine," 1869–70. Promoted to *Ensign*, 1870; signal duty, Washington, 1870–1; Asiatic Fleet, 1871–4. Promoted to *Master*, 1872; R. S. "Independence," 1874–6. Commissioned as *Lieutenant*, 1876; "Lackawanna," Pacific Station, 1878–81; Naval Academy, 1881–4; "Quinnebaug," European Station, 1884–7; Hydrographic Office, 1887–8; waiting orders, October, 1890, to February, 1891; "Petrel," Asiatic Station, February, 1891, to date.

Clayton Scott Richman.—Appointed from Iowa. N. A, July, 1865; *Ensign*, July, 1870; *Master*, August, 1873; *Lieutenant*, February, 1878; Pacific Fleet, 1871–4; "Canandaigua," N. A. Station, 1874–6; "Adams," Pacific Station, 1876–9; Navy Yard, Mare Island, 1879–83; "Ranger," special service, 1883–5; R. S. "Independence," 1887; Naval War College, 1888–9; "Yantic," N. A. Station, 1889, to November, 1891; R. S. "St. Louis," November, 1891, to May, 1893; waiting orders, May, 1893, to September, 1893; Navy Yard, League Island, September, 1893, to date.

Samuel Pancoast Comly.—Appointed from New Jersey. N. A., July, 1865; *Ensign*, July, 1871; *Master*, August, 1873; *Lieutenant*, April, 1878; "Sabine," 1869–70; "Tennessee," January, 1871; "Ticonderoga," South Atlantic Station, 1871–2; "Ossipee," 1872; R. S. "Potomac," 1873; "Juniata," Arctic regions, 1873; "Canonicus" and "Dictator," Key West, 1874–5; "Intrepid," 1875–6; "Adams," Pacific Station, 1876–9; Torpedo Station, 1880; R. S "St. Louis," 1880–2; "Nantucket," 1882; training-ship "Portsmouth," 1883–5; Navy Yard, League Island, 1885–8; Ordnance duty, 1888–9; "Alliance," Asiatic and Pacific Stations, January, 1890, to May, 1893; receiving-ship "St. Louis," August, 1893, to date.

Hawley Olmstead Rittenhouse.—Appointed from New Jersey. N. A., July, 1866; *Ensign*, July, 1871; *Master*, September, 1873; *Lieutenant*, June, 1878; Coast Survey, 1874–6; Naval Academy, 1876–80; "Galena," European Station, 1880–3; Naval Academy, 1883–6; "Vandalia," Pacific Station, 1886–8; "Trenton," Pacific Station, 1888–9; "Mohican," Pacific Station, 1889–90; Naval Academy, July, 1890, to June, 1893; "Baltimore," Asiatic Station, June, 1893, to date.

Robert Grosvenor Peck.—Born in and appointed from Massachusetts. Entered Naval Academy, Sept. 24, 1866; graduated, June 7, 1870; practice-ship "Savannah," 1867; "Macedonian," 1868; "Savannah," 1869. Pro-

moted to *Ensign*, July 12, 1871; *Master*, September 11, 1873; *Lieutenant*, November 30, 1878; attached to "Guard," Darien Exploring Expedition, 1870–1; "Wyoming," N. A. Station, 1871–4; Torpedo Station, 1874; Coast Survey steamer "Blake," deep-sea soundings, 1874–6; New York nautical school-ship "St. Mary's," 1876–9; "Alert," Asiatic Station, 1879–82; Naval Academy, 1882–5; practice-ship "Constellation," 1883; Navy Department, Office of Compasses, 1885; "Ranger," N. P. Station, 1885–9; Naval Academy, 1889, to June, 1893; commanding Coast Survey steamer "Bache," June, 1893, to date.

John Hubbard.—Appointed from Arizona. N. A., July, 1866; *Ensign*, July, 1871; *Master*, September, 1873; *Lieutenant*, December, 1878; "Brooklyn," Europe, 1871–4; Coast Survey, 1874–7; "Supply," special service, 1877–9; "Swatara," Asiatic Station, 1879–83; Torpedo Station, 1883; Bureau of Navigation, 1883–4; Light-House duty, 1884–6; special duty, Navy Department, 1887–8; "Chicago," Squadron of Evolution, 1889, to July, 1892; Inspector of Ordnance, July, 1892, to date.

Alexander McCrackin.—Appointed as *Midshipman* from Iowa, on July 27, 1866, and graduated from the Naval Academy, July 7, 1870. Promoted to *Ensign*, July 12, 1871; to *Master*, September 25, 1873; to *Lieutenant*, January 13, 1879; "Shenandoah" and "Brooklyn," European Station, 1870-3; "Franklin," N. A. Station, 1873–4; Coast Survey steamer "Baton Rouge," 1874–7; "Hartford," Pacific Station, 1877–9; practice-ship "Dale," 1881; Naval Academy, 1881–2; practice-ship "Constellation," 1883; Naval Academy, 1883–4; "Adams," Pacific Station, 1885–6; "Pinta," special service, 1886–8; Naval Academy, 1888–9; Bureau of Ordnance, 1889, to November, 1891; "Marion," Asiatic Station, November, 1891, to date.

George Leland Dyer.—Appointed from Maine to Naval Academy as result of competitive examination, held in the Congressional District, July, 1866; was graduated with honors from Naval Academy, June, 1870; served on U. S. S. "Plymouth," European Station, West Coast of Africa and West Indies, 1870–3. Promoted to *Ensign*, July, 1871; served on "Minnesota" and "Frolic," North Atlantic Station, 1873–4. Promoted to *Master*, September, 1873; served on "Frolic," South Atlantic Station, 1875–7; served at Naval Academy as Instructor of Mathematics, 1877–80. Promoted to *Lieutenant*, February, 1879; served on training-ship "Constitution," 1880–1; served on "Despatch," during a special surveying cruise in the Gulf of Samana, West Indies, 1882; ordered to Hydrographic Office, June, 1883; and served as assistant to the Hydrographer until June, 1888, during which time and subsequently the Hydrographic Office was thoroughly reorganized; ordered as Hydrographer, June, 1888, and served in that capacity until November, 1889; ordered to the flag-ship "Charleston," January, 1890, for duty as Flag-Lieutenant, Pacific Station, on the staff of Rear-Admiral George Brown, U. S. Navy, until January, 1893; on board the "Charleston," "San Francisco," "Thetis," and "Mohican," each being flag-ship in succession. In April, 1893, ordered to the Naval Academy, and assigned to duty as Head of Department of Modern Languages—his present duty.

Lewis Cass Heilner.—Appointed from Pennsylvania. N. A., July, 1866; *Ensign*, July, 1871; *Master*, Sept., 1873; *Lieutenant*, June, 1879; "Saco," Asiatic Fleet, 1871–4; "Brooklyn," 1874; "Ossipee," N. A. Station, 1875–7; R. S. "Colorado," 1877–8; Coast Survey, 1878–83; training-ship "Portsmouth," 1883–5; Naval Observatory, 1885–9; "Pensacola," special service, 1889, to August, 1892; Naval Observatory, August, 1892, to date.

George Allen Calhoun.—Naval Apprentice. Naval Academy, July,

1866; *Ensign*, July, 1871; *Master*, November, 1873; *Lieutenant*, November, 1879; "Narragansett," Pacific, 1871–4; "Worcester," N. A. Station, 1874–6; "Palos," Asiatic Station, 1876–9; "Ranger," Pacific Station, 1879–80; Navy Yard, New York, 1880–1; "Brooklyn," S. A. Station, 1881–4; Navy Yard, New York, 1884–7; "Atlanta," special service, 1887–90; Ordnance Department, Navy Yard, Washington, December, 1890, to October, 1892; training-ship "Richmond," October, 1892, to June, 1893; "Charleston," Pacific Station, June, 1893, to date.

Martin Ellsworth Hall.—Appointed from Iowa. Naval Academy, September, 1865; *Ensign*, July, 1870; *Master*, December, 1873; *Lieutenant*, November, 1879; "Richmond," Mediterranean, 1870–3; "Portsmouth," special duty, 1875–7; "Essex," S. A. Station, 1877–8; Navy Yard, Pensacola, 1878–81; "Alaska," Pacific Station, 1881–3; Torpedo Station, 1883; training-ship "New Hampshire," 1884–5; "Pensacola," special service, 1889–90; Torpedo Station, July, 1890, to June, 1893; "Machias," N. A. Station, June, 1893, to date.

Edward Merritt Hughes.—Appointed at large to Naval Academy, July 26, 1866; graduated, 1870; *Ensign*, July 13, 1871; *Master*, December 12, 1873; *Lieutenant*, December 16, 1874; "Narraganset," Home Station, 1870–1; "Supply," special service, 1871; "Wyoming," Home Station, 1871–2; Nicaraguan Canal Survey, 1872; "Constellation," gunnery-ship, 1873; "Despatch," special service, 1874; "Wachusett," Home Station, 1874; "Despatch," special service, 1875–6; "Kearsarge," Asiatic Station, 1877; "Monocacy," Asiatic Station, 1878–9; Coast Survey, 1880–3; "Shenandoah," Pacific Station, 1884–6; Light-House Inspector, 1887–9; U. S. Naval Training Station, 1890; commanding C. S. steamer "Bache," June, 1890, to March, 1893; nautical school-ship "Saratoga," March, 1893, to date.

Herman Frederick Fichbohm.—Naval apprentice. Naval Academy, July, 1866; *Ensign*, July, 1871; *Master*, January, 1874; *Lieutenant*, February, 1880; "Guerriere," Europe, 1870–2; "Richmond," Pacific Station, 1872–3; "Saranac," Pacific Station, 1874; "Portsmouth," Pacific Station, 1874–5; "Lehigh," N. A. Station, 1876; "Ranger," Asiatic Station; 1876–81; torpedo duty, 1881; "Lackawanna," Pacific Station, 1881–5; training-ship "New Hampshire," 1885–7; "Enterprise," European Squadron, 1887–90; Inspector of Steel, Pittsburgh, Pa., July, 1890, to July, 1893; "Yorktown," Pacific Station, July, 1893, to date.

Joseph Ballard Murdock.—*Midshipman*, July 26, 1866, from Fourth District of Massachusetts; graduated, June 7, 1870; U. S. S. "Nipsic," North Atlantic, July, 1870, to Nov., 1872. Commissioned *Ensign*, July 13, 1871; examination and on leave till March, 1873; Navy Yard, Portsmouth, March, 1873; U. S. S. "Monongahela," South Atlantic, September, 1873, to July, 1874. Commissioned *Master*, February 2, 1874; U. S. S. "Lancaster," July, 1874, to July, 1875; Coast Survey duty, October, 1875, to June, 1879; U. S. S. "Constitution," Training Squadron, August, 1879, to September, 1880. Commissioned *Lieutenant*, March 10, 1880; Naval Academy, October, 1880, to September, 1883; leave of absence, September, 1883, to August, 1884; special duty at Philadelphia, August, 1884, to December, 1885; U. S. S. "Dolphin," December, 1885, to December, 1886; Torpedo Station, December, 1886, to March, 1888; U. S. S. "Pensacola," North Atlantic, March, 1888, to April, 1888; U. S. S. "Omaha," Asiatic Station, April, 1888, to March, 1891; special duty in Europe, May, 1891, to November, 1891; electrical duty, Navy Yard, New York, November 2, 1891, to date.

Hugo Osterhaus.—Appointed from Missouri. Naval Academy, September, 1865; *Ensign*, July, 1871; *Master*, February, 1870; *Lieutenant*, March, 1880; "Plymouth," Europe, 1871–3; North Atlantic Station, 1873–77; Navy Yard, Norfolk, 1877–9; Coast Survey, 1879–82; "Enterprise," Asiatic Station, 1882–6; Navy Yard, Norfolk, 1887–9; "Enterprise," European Station, 1889–90; "Atlanta," S. A. Station, August, 1890, to September, 1892; Naval Academy, September, 1892, to date.

John Bartholomew Collins.—Appointed from Louisiana. Naval Academy, July, 1866; *Ensign*, July, 1871; *Master*, March, 1874; *Lieutenant*, March, 1880; "Worcester," North Atlantic Station, 1871–4; "Canonicus," 1874–7; receiving-ship "New Hampshire," 1877–9; "Powhatan," North Atlantic Station, 1879–81; Navy Yard, Pensacola, 1881–2; "Tennessee," North Atlantic Station, 1883–4; "Iroquois," Pacific Station, 1884–7; store-ship "Monongahela," 1887–8; Navy Yard, Pensacola, 1889, to April, 1892; "Mohican," Pacific Station, April, 1892, to date.

Charles Edward Vreeland.—Naval apprentice. Naval Academy, July, 1866; *Ensign*, July, 1871; *Master*, April, 1874; *Lieutenant*, March, 1880; "Congress," 1871–3; North Atlantic and Asiatic Stations, 1873–8; "Ticonderoga," special service, 1878–81; Nautical Almanac Office, 1881–4; "Hartford," Pacific Station, 1884–7; Office of Naval Intelligence, 1887–9; commanding C. S. S. "Blake," 1889, to October, 1889; commanding Coast Survey steamer "Blake," October, 1889, to June, 1893; naval attaché at Vienna and Rome, June, 1893, to date.

Corwin Pottenger Rees.—Born in Reily, Butler County, Ohio, September 4, 1848. February 27, 1864, enlisted in Company B, 54th O. V. V. I., Second Brigade, Second Division, Fifteenth Army Corps. Participated in the battles of Resaca, Dallas, Kenesaw Mountain, the Siege of Atlanta, the March to the Sea, the Storming of Fort McAllister, the Battle of Bentonville, and minor engagements, receiving an honorable discharge after the close of the war, August 15, 1865. Appointed *Midshipman*, U. S. Navy, July 31, 1866; graduated, 1870; "Guerriere," 1870–72. Promoted *Ensign*, July 13, 1871; "Portsmouth," December, 1872, to July, 1874; "Saranac," July, 1874, to July, 1875. Promoted to *Master*, May 21, 1874; "Benicia," July, 1875, to November, 1875; "Lackawanna," November, 1875 to 1877; "Guard," as Navigation Officer, September, 1877, to December, 1878; Naval Academy, as Instructor in Department of Drawing, January, 1879, to August, 1881; "Essex," cruise around the world, November, 1881, to January, 1885; training-ship "New Hampshire" and Arctic steamer "Alert," during April, 1885; "Michigan," Northwestern Lakes, May, 1885, to April, 1888; Torpedo Station, Newport, R. I., May, 1888, to August, 1888; War College, August, 1888, to November, 1888; "Kearsarge," November, 1888, to January, 1889; "Tallapoosa," January, 1889, to January, 1892; "Michigan," as Executive Officer, May, 1892, to date.

Albert Caldwell Dillingham.—Appointed from Pennsylvania. N. A. July, 1865; *Ensign*, July, 1871; *Master*, June, 1874; *Lieutenant*, December, 1880; "Plymouth," Europe, 1870–2; Torpedo Station, 1875–6; Coast Survey, 1876–9; "Wachusett," S. A. Station, 1879–82; Navy Yard, Norfolk, 1882–3; Naval Academy, 1883–6; "Richmond," N. A. Station, 1886–8; receiving-ship "Vermont," 1888–9; receiving-ship "Dale," 1889, to June, 1892; training-ship "Portsmouth," June, 1892, to date.

George Frederick Warren Holman.—Appointed to Naval Academy from Second District, California. *Midshipman*, July 25, 1866. Commissioned *Ensign*, July 13, 1871; *Master*, June 14, 1874; *Lieutenant*, January

1, 1881; Naval Academy, July, 1866, to June, 1870; waiting orders, June to September, 1870; "California," September to October, 1870; "Severn," October, 1870, to February, 1871; West Indies, Mediterranean and convoy of Hall's Polar Expedition, "Congress," February, 1871, to May, 1873; "Brooklyn," May to July, 1873; waiting orders, July to November, 1873; "Powhatan," November, 1873, to January, 1874; "Colorado," January, 1874 to June, 1875; waiting orders, June to October, 1875; "Gettysburg," special longitude survey of West Indies, October, 1875, to June, 1876; "Minnesota," for training Naval Apprentices, June, 1876, to August, 1877; special cruise for State Department, on board "Ossipee," August, 1877, to May, 1878; "Saratoga," training Naval Apprentices, June, 1878, to January, 1881; Hydrographic Office, January to September, 1881; Navy Yard, Boston, September, 1881, to October, 1882; "Saratoga," training Naval Apprentices, December, 1882, to May, 1886; Torpedo Station, Newport, June to September, 1886; War College, Newport, September to November, 1886; Torpedo Station, Newport, for advanced course of instruction, November, 1886, to May, 1887; Torpedo Station as Torpedo Officer, Instructor in Torpedoes, and Lecturer before War College May, 1887, to April, 1890; "Essex," April, 1890, to March, 1893; Naval Torpedo Station, Newport, as Torpedo Officer and Instructor in Torpedoes, March, 1893, to date.

Nathan Sargent.—Appointed from Montana Territory to Naval Academy, July 25, 1866; graduated, 1870; *Ensign*, July 13, 1871; *Master*, July 10, 1874; *Lieutenant*, January 2, 1881; Naval Academy, 1866–70; ordnance duty, Washington, June, 1870, to August, 1870; "Guerriere," August, 1870, to December, 1870; "Constellation," June, 1871, to December, 1871; "Canandaigua," February, 1872, to December, 1872; "Constellation," gunnery-ship, January, 1873, to June, 1873; C. S. S. "Bache," June, 1873, to August, 1873; "Alaska," August, 1873, to November, 1876; ordnance duty, Washington, October, 1876, to July, 1878; ordnance duty, Washington, February, 1879, to August, 1879; training-ship "Portsmouth," August, 1879, to December, 1882; Navy Yard, Washington, January, 1883, to May, 1884; "Lancaster" (Flag-Lieutenant), September, 1884, to November, 1885; "Pensacola," April, 1886, to August, 1887, European Station (Flag-Lieutenant); "Pensacola," "Quinnebaug," and "Lancaster," August, 1887, to January, 1889; Naval Attaché, Rome and Vienna, January, 1889, to June, 1893; Bureau of Ordnance, October, 1893, to date.

Lazarus Lowrey Reamey.—Born in Hollidaysburg, Pennsylvania, February 15, 1849. Appointed from Pennsylvania (17th Congressional District); entered the U. S. Naval Academy, as a Midshipman, July 25, 1866; graduated, June 7, 1870; *Ensign*, July 13, 1871; *Master*, July 23, 1874; *Lieutenant*, February 2, 1881; flag-ship "Worcester," North Atlantic Station, September 25, 1872, to June 13, 1874 (Signal Officer); Asiatic Station ("Monocacy" and "Kearsarge"), November 26, 1874, to January 14, 1877; "Constellation" (Paris Exhibition), March 13, 1878, to May, 10, 1878; "Constitution" (Paris Exhibition), May 10, 1878, to August 2, 1879; (stranded on Bollard Head, English Channel, night of January 16, 1879); Hydrographic Office, October 1, 1879, to August 9, 1881; flag-ship "Lancaster," European Station, August 20, 1881, to February 6, 1884 (Flag Lieutenant, July 5, 1882, to March 10, 1883); commanding "Thetis," for Greely Relief Expedition, February 6, 1884, to March 27, 1884 (took her, after her purchase, from Dundee, Scotland, around the north of Scotland, to New York); Torpedo School, May 1, 1884, to August 4, 1884; U. S. Naval Observatory, September 1, 1884, to May 8, 1887; flag-ship "Trenton," May

20, 1887, to July 7, 1889 (shipwrecked in the harbor of Apia, Samoa, March 16, 1889); Asiatic Station (Flag Secretary), November 27, 1889, to February 2, 1892; Board of Inspection and Survey, September 1, 1892, to date.

James Henry Bull.—Born in West Chester, Chester County, Pennsylvania, June 13, 1852. Attended Wyers' Military Academy. Appointed *Midshipman* to the Naval Academy by the Hon. Gideon Welles, on the recommendation of the Hon. J. R. Broomall, Congressman from the Seventh (at that time) District of Pennsylvania, and entered the Academy, July 25, 1866; graduated from the Academy, June 7, 1870, and placed on waiting orders; on duty on board the store-ship "Guard," from July, 1870, to August, 1871, in the Fishing Banks Squadron, and as part of the Darien Inter-oceanic Canal Expedition, doing duty on shore with the Expedition. Commissioned as *Ensign*, July 13, 1871; on duty on board the U. S. S. "Wyoming," from October, 1871, to January, 1872, when he was transferred to U. S. flag-ship "Worcester," North Atlantic Squadron, where was on duty until October, 1872; a member of Nicaragua Canal Surveying Expedition from December, 1872, to August, 1873; on duty in the Asiatic Station, from September, 1873, to August, 1876, in the U. S. ships "Lackawanna," "Yantic," and "Saco." Commissioned *Master*, October 3, 1874; on duty on the Coast Survey, from December, 1876, to January, 1879; on duty at Newport Torpedo Station, from March, 1879, to May, 1879; on board the U. S. S. "Wachusett," special service, from May, 1879, to September, 1879; on board the receiving-ship "Franklin," at Norfolk, Va., from September, 1879, to April, 1880; on board the U. S. S. "Powhatan," special service, from April, 1880, to October, 1882. Commissioned *Lieutenant*, April 22, 1881; on duty at the Naval Academy as Instructor of Ordnance and Gunnery, from October, 1882, to June, 1885; made practice cruise in U. S. S. "Dale," June, 1883, to September, 1883; on duty on board the U. S. S. "Mohican," June, 1885, to January, 1886; on leave, February, 1886, to December, 1886; on duty in Asiatic Station, on board U. S. S. "Marion" and "Monocacy," from January, 1887, to December, 1889; New London, Conn., Naval Station, March, 1890, to April, 1893; "Alliance," Pacific Station, April, 1893, to date.

Greenlief Augustus Merriam.—Born in Baltimore, Maryland. Appointed from Massachusetts Naval Academy, July, 1866; *Ensign*, July, 1871; *Master*, October, 1874; *Lieutenant*, May, 1881; U. S. S. "Saco" and "Colorado," European and Asiatic Station, 1870–3; "Monongahela," S. A. Station, 1873–6; "Rio Bravo," special service, 1877–9; Hydrographic Office, 1879–81; U. S. S. "Quinnebaug," European Station, 1881–4; Hydrographic Office, 1884–7; Secretary to Commander-in-Chief, Pacific Station, Rear-Admiral L. A. Kimberly, April, 1887, to February, 1890; flag-ships "Vandalia," "Dolphin," "Trenton" (Samoa), "Mohican," "Charleston," 1887–90; Naval Academy, February, 1890, to June, 1893; "Concord," Asiatic Station, June, 1893, to date.

Charles Huntington Lyman.—Appointed from Ohio. N. A., July, 1866; *Ensign*, July, 1871; *Master*, October, 1874; *Lieutenant*, June, 1881; "Wyoming," N. A. Station, 1870–3; signal duty, 1873–5; "Hartford," S. A., 1875–7; "Swatara," N. A. Station, 1877–8; Naval Academy, 1878–81; "Wyoming," N. A. Station, 1881–2; "Juniata," Asiatic Station, 1882–5; commanding Naval Station, Port Royal, 1886, to November, 1891; waiting orders, November, 1891, to January, 1892; "Kearsarge," N. A. Station, January, 1892, to date.

Freeman Hopkins Crosby.—Appointed from New York. N. A., July, 1866; *Ensign*, July, 1871; *Master*, November, 1874; *Lieutenant*,

August, 1881; "Guerriere," 1870–72; "Benicia," N. P. Station, 1872–6; "Constitution," special service, 1876–9; "Tennessee," N. A. Station, 1879–80; "Despatch" (despatch-boat), 1880–2; Coast Survey, 1882–8; "Richmond," S. A. Station, 1888–90; Navy Yard, Washington, July, 1890, to June, 1893; Coast Survey, steamer "McArthur," June, 1893, to date.

Hanson Risley Tyler.—Appointed from Vermont. N. A., July, 1866; *Ensign*, July, 1871; *Master*, September, 1874; *Lieutenant*, March, 1881; "Nipsic," N. A. Station, 1870–73; "Monongahela," S. A. Station, 1873–6; receiving-ship "Wabash," 1876–77; "Swatara," N. A. Station, 1877–8; receiving-ship "Wabash," 1878–9; "Swatara," Asiatic Station, 1879–83; Torpedo Station, 1883; receiving-ship "Wabash," 1883–6; "Alliance," S. A. Station, 1886–9; "Adams," Pacific Station, 1889–90; "Mohican," Pacific Station, December, 1890, to December, 1892; leave of absence, December, 1892, to July, 1893; R. S. "Independence," July, 1893, to date.

John Brown Milton.—Appointed from Kentucky. N. A., July, 1866; *Ensign*, July, 1871; *Master*, November, 1874; *Lieutenant*, September, 1881; "Worcester," N. A. Station, 1870–3; "Powhatan," N. A. Station, 1873–7; "Tuscarora," Pacific Station, 1877–81; "Ranger," Pacific Station, 1881–2; Coast Survey, 1882–3; Branch Hydrographic Office, San Francisco, 1883–7; "Ossipee," N. A. Station, 1887–9; training-ship "Jamestown," 1889–90; Naval Academy, October, 1890, to December, 1893; training-ship "Monongahela," December, 1893 to date.

William Kilburn.—Appointed from California. N. A., December, 1865; *Ensign*, July 1871; "Benicia," N. P. Station, 1874–7; *Master*, December, 1874; *Lieutenant*, October, 1881; Coast Survey, 1877–80; "Tennessee," N. A. Station, 1880–3; receiving-ship "St. Louis," 1883–4; "Powhatan," special duty, 1884–6; "Richmond," N. A. Station, 1886–8; ordnance duty, Navy Yard, Washington, 1888–90; Inspector of Ordnance, Midvale Steel Works, 1889–90; training-ship "Richmond," October, 1890, to November, 1891; "San Francisco," S. A. Station, November, 1891, to date.

John Jacob Hunker.—Appointed from Ohio. N. A. July, 1866; *Ensign*, July, 1872; *Master*, January, 1875; *Lieutenant*, October, 1881; "Wyoming, N. A. Station, 1870–73; "Kansas," N. A. Station, 1874–5; "Despatch" (despatch boat), 1875–9; torpedo-steamer "Alarm," 1879–81; "Brooklyn," S. A. Station, 1881–5; Torpedo Station, 1885; Navy Yard, New York, 1885–6; "Chicago," special service, 1886–8; Supervisor of Harbor, New York, 1888–9; "Charleston," special service, 1890, to April, 1893; leave of absence, April, 1893 to August, 1893; receiving-ship "Minnesota," August, 1893, to date.

George William Mentz.—Appointed from New Jersey. N. A., September, 1866; *Ensign*, July, 1872; *Master*, January, 1875; *Lieutenant*, October, 1881; "Guerriere," 1870–3; "Canandaigua," N. A. Station, 1874–75; "Huron," 1876–7; "Monongahela," Asiatic Station, 1877–9; Coast Survey, 1879–83; special duty, Navy Department, 1883–4; "Dolphin," special service, 1884–5; "Yantic," N. A. Station, 1885–9; Bureau of Navigation, 1889–90; Office Naval Intelligence, January, 1890, to July, 1892; Coast Survey steamer "Eagre," July, 1892, to April, 1893; Coast Survey steamer "Blake," April, 1893, to date.

Sidney Augustus Staunton.—Born in New York. Appointed from West Virginia, September 23, 1867; was graduated, June 6, 1871. *Ensign*, July 14, 1872. *Master*, February 4, 1875. *Lieutenant*, November 15, 1881. *Service:* August, 1871, to June, 1873. "Iroquois," N. A. Station; "Congress," "Wabash" and "Plymouth," European Station; December, 1873,

to April, 1874, "Franklin," N. A. Station; August to September, 1874, receiving-ship "Sabine;" October to December, 1874, Hydrographic Office; January, 1875, to October, 1877, "Powhatan" (for passage), "Franklin," "Marion" and "Trenton," European Station; December, 1877, to December, 1879, Naval Academy; December, 1879, to December, 1882, "Swatara," China Station; February, 1883, to May, 1883, Ordnance duty; October, 1883, to March, 1885, Office of Naval Intelligence; April, 1885, to August, 1887, Flag-Lieutenant "Pensacola," European Station; October, 1887, to October, 1889, Office of Naval Intelligence and Secretary American Delegation to International Maritime Conference, which prepared programme considered by Conference; October, 1889, to April, 1893, Flag-Lieutenant, "Chicago," Squadron of Evolution (European, South Atlantic and N. A. Stations).

Aaron Ward.—Appointed from Pennsylvania. N. A., September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1871; *Master*, February, 1875; *Lieutenant*, November, 1881; "California," Pacific Station, 1870–3; "Franklin," Europe, 1875–6; Naval Academy, 1876–9; training-ship "Constitution," 1879–81; training-ship "New Hampshire," 1881–3; Navy Yard, New York, 1883–5; "Hartford," Pacific Station, 1885–6; "Monongahela," Pacific Station, 1886–8; Naval Attaché, Paris and St. Petersburg, 1889, to November, 1892; waiting orders, November, 1892, to August, 1893; "New York" S. A. Station, August, 1893, to date.

Chauncey Thomas.—Born April 27, 1850, in New York. Appointed to Naval Academy from Pennsylvania, September 26, 1867; Naval Academy to June 6, 1871; frigate "Wabash," European Station, October 5, 1871; store-ship "Supply," July 21, 1873; frigate "Colorado," North Atlantic Station, December 1, 1873; frigate "Wabash," April 2, 1874; waiting orders, April 28, 1874; ordered to examination for promotion, June 4, 1874; waiting orders, June 17, 1874. Commissioned *Ensign*, July 14, 1872; frigate "Colorado," North Atlantic Station, July 13, 1874; sloop "Canandaigua," September 21, 1874; flag-ship "Worcester" and to staff of Rear-Admiral Mullany, September 27, 1874; flag-ship "Colorado," March 31, 1875; flag-ship "Worcester," May 10, 1875; sloop "Plymouth" (special duty), June 24, 1875; ordered to examination for promotion, September 25, 1875, and commissioned *Master* from April 14, 1875; returning to duty on board the "Plymouth;" ordered to the flag-ship "Hartford" and to staff of Rear-Admiral LeRoy, February 14, 1876; to staff of Rear-Admiral Trenchard, August 31, 1876; flag-ship "Powhatan," July 4, 1877; waiting orders, June 15, 1878; Nautical Almanac Office, Navy Department, Washington, D. C., July 8, 1878; waiting orders, July 8, 1881; ordered to sloop "Adams," Pacific Station, September 10, 1881, and to examination for promotion, May 26, 1882. Commissioned *Lieutenant* from March 10, 1882; waiting orders, September 9, 1884; Nautical Almanac Office, Navy Department, Washington, D. C., November 15, 1884; appointed Assistant Superintendent Nautical Almanac, November 25, 1884; detached and ordered to special duty as Aide to Admiral Porter, March 10, 1886, which duty continued till after the death of Admiral Porter; March 15, 1891, was ordered to U. S. training-ship "Monongahela;" detached July 10, 1893, and ordered to "Bennington;" Navigator of latter at present time.

Charles Ward Bartlett.—Appointed from Massachusetts. N. A., June, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, March, 1875; *Lieutenant*, February, 1882; "Wabash," Europe, 1870–3; Hydrographic Office, 1875–7; training-ship "Saratoga," 1877–8; Naval Academy,

1878–81; practice-ship "Constellation," 1881; training-ship "Minnesota," 1881–2; "Adams," European Station, 1882–4; Naval Academy, 1884–8; "Ranger," Pacific Station, 1888–90; "Thetis," special service, December, 1890, to October, 1891; Naval Academy, October, 1891, to date.

William Alexander Marshall.—Appointed from Pennsylvania. Naval Academy, June, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, April, 1875; *Lieutenant*, April, 1882; "Canandaigua," 1871–5; Asiatic Station, 1875–7; "Tennessee," North Atlantic Station, 1877–8; receiving-ship "New Hampshire," 1878–80; "Vandalia," North Atlantic Station, 1880–3; Branch Hydrographic Office, Boston, 1883–4; Nautical Almanac Office, 1884–6; "Dolphin," special service, 1886–9; Ordnance Inspector, Newport, R. I., 1889–93; "Charleston," Pacific Station, April, 1893, to date.

William Manning Irwin.—Appointed from Ohio. Naval Academy, June, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, May, 1875; *Lieutenant*, June, 1882; "California," Pacific, 1871–4; "Ossipee," North Atlantic Station, 1874–6; "Gettysburg," 1876–7; Nautical Almanac Office, 1878–9; "Michigan," N. W. Lakes, 1879–81; "Essex," Pacific Station, 1881–5; Navy Yard, Washington, 1885; Bureau of Equipment, 1885–8; "Atlanta," Squadron of Evolution, January, 1889, to September, 1891; Naval Academy, September, 1891, to June, 1893; leave of absence, June, 1893, to July, 1893; Navy Yard, Washington, July, 1893, to date.

Gustavus Charles Hanus.—Appointed from Wisconsin. Naval Academy, July, 1865; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, May, 1875; *Lieutenant*, June, 1882; "Iroquois," "Canandaigua," and "Hartford," 1871–5; Coast Survey, 1875–8; "Jamestown," North Pacific Station, 1879–81; while serving on "Jamestown," was engaged in making extensive surveys in Alaska; Hydrographic Office, 1881–3; Coast Survey duty, 1883–6, during which periods he commanded the steamers "Arago," "Endeavor," "Gedney," and "Ready;" "Ossipee," North Atlantic Station, 1886–7; appointed by Governor Hill as a Boundary Commissioner for New York, in settling Raritan Bay Boundary, in 1887; "Nipsic," Pacific Station, 1887–8; was recalled from "Nipsic," then at Callao, in consequence of a joint resolution of both the Legislatures of New York and New Jersey, requesting his services as an engineer in settling the boundary in the Arthur Kill, Kill von Kull, New York Bay, and Hudson River; served as a New York Commissioner and Engineer of both commissions, until July, 1890; "Enterprise," "Newark," and "Vesuvius," July, 1890, to June, 1893; duty at World's Columbian Exposition, June, 1893, to November, 1893; Navy Yard, New York, November, 1893, to date.

William Power Elliott.—Appointed at large. Naval Academy, September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, May, 1875; *Lieutenant*, June, 1882; "California," "Mohican," 1871–2; "Lackawanna," China, 1872–4; "Alert," North Atlantic, 1875–6; "Plymouth," N. A., 1877; "Tuscarora," Pacific, 1878; Coast Survey, 1879–83; "Galena," N. A., 1883–6; Naval Observatory, 1886–9; commanding C. S. schooner "Eagre," 1889, to March, 1892; "Adams," Pacific Station, March, 1892, to date.

John Emil Roller.—Naval apprentice. Naval Academy, June, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, May, 1875; *Lieutenant*, July, 1882; "Wachusett," Europe, 1871–3; "Portsmouth," 1874–7; R. S. "Colorado," 1878–80; training-ship "Saratoga," 1881–3;

training-ship "Minnesota," 1883; Branch Hydrographic Office, New York, 1883–5; "Marion," Asiatic Station, 1885–6; "Palos," Asiatic Station, 1886–8; R. S. "Minnesota," 1888–90; "Kearsarge," N. A. Station, June, 1890, to June, 1893; Navy Yard, New York. June, 1893, to date.

Francis Emerson Greene.—Appointed from Indiana. Naval Academy, September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, June, 1875; *Lieutenant*, July, 1882; "Congress," special service, 1871–3; "Shawmut," N. A. Station, 1874–7; Coast Survey, 1877–80; "Yantic," N. A. Station, 1880–3; training-ship "New Hampshire," 1883–6; "Alert," Pacific Station, 1886–90; "Kearsarge," N. A. Station, June, 1890, to April, 1893; "Ranger" Pacific Station, April, 1893, to date.

Carlos Gilman Calkins.—Born in Ohio. Appointed to the Naval Academy from the 19th Ohio District, represented by General Garfield, in 1867; graduated in 1871; served in the "Wyoming," North Atlantic Station, 1871–74; served in the "Powhatan," "Franklin," and "Juniata," European Station, 1874–76; "New Hampshire," at Port Royal, 1876–77; "Wyoming," European Station, 1877–80; attached to Hydrographic Office and Bureau of Navigation, Navy Department, 1881–83; served in the "Trenton," Asiatic Station, 1883–86; attached to Office of Naval Intelligence, 1886–7, and to Board of Inspection at San Francisco, 1887–89; served in the "Albatross," under U. S. Fish Commission, on Pacific Station, 1890–93; in charge of Branch Hydrographic Office, Portland, Oregon, 1893. Promoted to *Ensign*, July, 1872; *Master*, July, 1875; *Lieutenant*, November, 1882. Received the medal of the Naval Institute for competitive essays on Naval subjects, in 1883 and 1886.

Jeremiah Cutler Burnett.—Appointed from Indiana. N. A., September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, July, 1875; *Lieutenant*, November, 1882; "California," Pacific, 1871–3; "Portsmouth," 1874–6; school-ship "Jamestown," 1876–8; "Lackawanna," Pacific Station, 1878–81; "Quinnebaug," European Station, 1881–3; R. S. "Independence," 1884–6; commanding C. S. S. "McArthur," 1886–9; "Iroquois," Pacific Station, 1888, to October, 1892; charge Branch Hydrographic Office, San Francisco, October, 1892, to date.

Samuel Seabury.—Entered the service, October 3, 1865, at New York. enlisting as a naval apprentice with a view to securing an appointment to the Naval Academy; served on board training-ship "Sabine" until June 26, 1867; at the Naval Academy from June 26, 1867, to June 6, 1871; served on "Wachusett" and "Iroquois," from July, 1871, to July, 1874, making cruise to China on the latter vessel. Promoted to *Ensign*, July 14, 1872; to *Master*, July 26, 1875; served on "Omaha," South Pacific Station, January, 1875, to July, 1876; at Navy Yard. New York, and receiving-ship "Colorado," November, 1876, to May, 1879, with interval of four months in summer of 1877 on training-ship "Supply;" from May. 1879, to May, 1881, on "Wachusett," attached to South Atlantic and to Pacific Squadrons, as well as four months' duty on North Atlantic, during which an attempt was made to reach St. Louis by the Mississippi, for the enlistment of naval apprentices; from June, 1881, to October, 1882, on duty at New York Yard, and on special inspection duty at New York; during this time was engaged on plans for vessels of war, receiving complimentary letter from Secretary of the Navy therefor; in the winter of 1881–2 was nominated by President Arthur as Naval Constructor, but not confirmed by Senate. Commissioned *Lieutenant*, January 9, 1883; from January, 1883, to March, 1884, on the staff of Commodore Luce, commanding Training Squadron; from March,

1884, to November, 1885, on special duty with Admiral Porter, engaged in the preparation of designs for vessel of war; November, 1886, to October, 1888, attached to flag-ships "Tennessee" and "Richmond," of the North Atlantic Squadron, under Rear-Admirals Jouett and Luce, taking part in all evolutions of that squadron, and in the camps of the Naval Brigade at Pensacola; on duty in New York City, in connection with Board of Inspection of merchant vessels, from October, 1888, to April, 1892; on furlough, April, 1892, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to date.

William Carmi Babcock.—Appointed from Kansas. Naval Academy, September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, October, 1875; *Lieutenant* (junior grade), March, 1883; *Lieutenant*, March, 1883; "Wabash," Europe, 1871–3; "Ashuelot," Asiatic Station, 1874–6; Bureau of Navigation, 1876–7; "Trenton" and "Alliance," European Station, 1877–9; "Wyoming," European Station, 1879–81; Hydrographic Office, 1881–3; Fish Commission, 1883–4; "Hartford," Pacific Station, 1884–6; Office of Naval Intelligence, 1886–8; duty under Light-House Board, 1888–90; "San Francisco," Pacific Station, December, 1890, to July, 1893; leave of absence, July, 1893, to October, 1893; Navy Yard, New York, October,1893, to date.

Henry Harris Barroll.—Born in New Madrid, Mo., May 22, 1850, and was appointed to the United States Naval Academy, from Cape Girardeau County, September, 1867; graduated in June, 1871, and was first attached to the U. S. S. "Iroquois," and later to the U. S. S. "Congress," serving on the North Atlantic Station; while attached to the "Congress," in 1872, that vessel was ordered to proceed to Port au Prince, Hayti, to release and bring to the United States the American steamer "Hornet," then blockaded in that port by Spanish men-of-war; the blockaded vessel was convoyed to Baltimore; served on board the U. S. S. "Congress," on the European Station, until May, 1873, when he was transferred to the U. S. S. "Wachusett," and in the spring of 1874 returned to Key West in that vessel, the "Virginius" affair having caused the naval forces to assemble there; took part in the naval drill in Florida Bay. Promoted to *Ensign* in 1872; in June, 1874, placed on waiting orders, and in October, 1874, ordered to the U. S. monitor "Canonicus," at New Orleans, La.; detached from the "Canonicus," in January, 1875, and ordered to take passage in the U. S. S. "Canandaigua," to Aspinwall, U. S. of Colombia, and join the party under Lieutenant Frederick Collins, U. S. Navy, to survey a line for the interoceanic canal across the Isthmus of Darien; was here engaged for five months, and upon return to the United States, was ordered on duty at the Navy Department, to assist in the computation of the coast of a ship-canal, by way of the Atrato-Napipi route. Promoted to *Master* in 1875; in September, 1875, ordered to duty on board the U. S. S. "Gettysburg," making determinations of longitude by means of telegraphic cable, working from Key West, through the Antilles, as far south as the Island of Trinidad; on returning to the United States in June, 1876, was assigned to duty on board of the training-ship "Minnesota;" in October, 1877, was detached and ordered to duty in the U. S. Coast Survey, serving at first on board the U. S. Coast Survey schooner "Palinurus," and engaged in making sailing directions for the east coast of the United States, between Cape Henry and the Dry Tortugas; and also for Albemarle and Pamlico Sounds; was also employed in locating the oyster-beds in Tangier and Pocomoke Sounds, Chesapeake Bay; in November, 1879, was ordered to command the Coast Survey steamer "Hitchcock," then at Grand Gulf, and engaged in triangulating the

Mississippi River; in 1880, received orders to lay the vessel up at Baton Rouge, and report for duty on board the Coast Survey schooner "Eagre," at Castine, Maine, and made surveys of Frenchman's Bay, Penobscot and Bagaduce Rivers; in August, 1881, was ordered to take passage in the U. S. S. "Powhatan," to Aspinwall, and report for duty on board the U. S. S. "Richmond," at Panama; served on the Asiatic Station until August, 1884, being attached to the U. S. steamers "Richmond," "Monocacy," and "Palos;" in April, 1883, was ordered in command of a naval party appointed to guard from pillage the wreck of the U. S. S. "Ashuelot," which vessel had been lost on Lammock Island, near Swatow; remained here for five months, and at the end of that time was ordered to the U. S. S. "Palos," taking part in quelling the Chinese riots at Canton, in 1883, when the European business-houses on the Island of Shamin were burned; title changed to *Lieutenant* (junior grade), in March, 1883; was promoted to *Lieutenant* (senior grade), in May, 1883; from November, 1884, until February, 1886, on duty at the Branch Hydrographic Office, Philadelphia; in February, 1886, granted six months' leave; in August, 1886, ordered to duty on board the U. S. S. "Lancaster," South Atlantic Station; served for two years as Flag-Lieutenant of the South Atlantic Squadron, returning to the United States in November, 1888; in charge of the Branch Hydrographic Office, Norfolk, Va., February, 1889, to October, 1891; "Marion," Asiatic Station, October, 1891, to date.

Charles Douglas Galloway.—Appointed from Maryland. Naval Academy, September, 1866; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, December, 1875; *Lieutenant* (junior grade), March, 1883; *Lieutenant*, June, 1883; "California," Pacific, 1871–3; "Shawmut," N. A. Station, 1875–7; "Monongahela," 1877; "Fortune," special service, 1877–8; Hydrographic Office, 1878–9; "Saratoga," training-ship, 1879–83; practice-ship "Constellation," 1883; Naval Academy, 1883–6; "Essex," Asiatic Station, 1886–9; commanded a party of twenty-five marines and blue jackets for ten days in Corea, as a protection to our minister and foreigners, and for this service was complimented by Admiral Chandler, in General Order No. 38, as follows:

"General Order No. 38. { FLAG-SHIP "BROOKLYN," YOKOHAMA, JAPAN, JULY 7, 1888.

"The Commander-in-Chief desires to express his appreciation of the commendable conduct of the body of blue jackets and marines of the U. S. Steamer 'Essex,' Commander Theodore F. Jewell, commanding, in their forced march of thirty miles in twelve hours on June 19, 1888, under the immediate command of Lieutenant C. D. Galloway, U. S. N., First-Lieutenant R. D. Wainwright, U. S. M. C., and Ensign W. B. Hoggatt, U. S. N., from Chemulpo to Seoul, Corea, over a rough road, half of the march being made in the darkness of the night. The celerity of movement, combined with the steadiness of the men while employed on shore, reflects great credit upon the discipline and efficiency of the 'Essex,' as well as upon the United States Navy in general. This order will be read on board all vessels of the squadron at the first general muster after its receipt. "RALPH CHANDLER, *Rear-Admiral, U. S. N.*,
"*Commanding U. S. Naval Force on Asiatic Station.*"

Naval Academy, 1889 to July, 1892; monitor "Miantonomah," from July, 1892, to July, 1893; training-ship "Monongahela," July, 1893, to December, 1893; at present waiting orders.

Frederick Herbst Lefavor.—Appointed from Ohio. N. A., June, 1866; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, March, 1876; *Junior Lieutenant*, March, 1883; *Lieutenant*, July, 1883; "California," Pacific, 1871–3; Coast Survey, 1874–7; "Tuscarora," Pacific Station, 1877–81; "Ranger," Pacific Station, 1881–2; Coast Survey, 1882–4; Branch Hy-

drographic Office, San Francisco, 1884–6; "Yantic," N. A. Station, 1886–8; "Pensacola," N. A. Station, 1888–9; Navy Yard, Mare Island, 1889–92; "Monocacy," Asiatic Station, August, 1892, to date.

Charles Alexander Foster.—Appointed from Minnesota. N. A., August, 1866; *Midshipman*, June 1871; *Ensign*, July, 1872; *Master*, March, 1876; *Junior Lieutenant*, March, 1883; *Lieutenant*, August, 1883; "California," Pacific, 1871–3; Asiatic Station, 1875–7, "Tennessee," Asiatic Station, 1877–8; "Canonicus," N. A. Station, 1878–9; Navy Yard, Pensacola, 1879–83; "Lackawanna," Pacific Station, 1883; "Wachusett," Pacific Station, 1883–5; Torpedo Station, 1885–6; R. S. "Minnesota," 1886–8; "Omaha," Asiatic, 1888–9; "Monocacy," Asiatic Station, 1889–92; training-ship "Richmond," October, 1892, to January, 1893; school-ship "Enterprise," July, 1893, to date.

William Elbridge Sewell.—Appointed from New York. N. A., September, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, April 1876; *Junior Lieutenant*, March, 1883; *Lieutenant*, October, 1883; served on European and Home Stations in "Congress," "Wabash," "Plymouth" and "Ticonderoga," 1871–4; Coast Survey, 1874–7; R. S. "Passaic," 1878; "Alaska," Pacific Station, 1878–80; "Alarm" (torpedo-boat), (part of time in command), 1881–2; Naval Observatory, 1882–3; "Ossipee," Asiatic Station, 1884–6; Naval Observatory, 1886–7; Navigator, Navy Yard, Mare Island, 1887, to April, 1891; "Petrel," Asiatic Station, April, 1891, to date.

Henry McCrea.—Born and appointed from Indiana. Entered July 24, 1866, and graduated from Naval School June, 1871; "Pensacola," Pacific Station, 1871–3; made *Ensign* July, 1872; recruiting duty at Chicago, 1873–4; on Home Station, 1874–7. Promoted to *Master*, July, 1876; Torpedo Station, 1878; "Richmond," Asiatic Station, 1878–81; Boston Navy Yard, 1882–3. Promoted to *Lieutenant*, November, 1883; "Shenandoah," Pacific Station, 1883–6; Naval Academy, 1886–9; Intelligence Office, 1889–90; U. S. S. "Baltimore," 1890–3; Bureau of Ordnance, March, 1893, to date.

Edward Francis Qualtrough.—Born in Rochester, N. Y., 1850. Appointed to Naval Academy, from New York, September 21, 1867; *Midshipman*, June 6, 1871; *Ensign*, July 14, 1872; *Master*, July 1, 1876; *Lieutenant*, November 24, 1883; flag-ship "Wabash," European Station, 1871–4; "Wachusett," West Indies, in 1874, during the Cuban trouble; "Despatch," special service in Europe, 1875–6; "Marion," European Station, 1877; flag-ship "Trenton," European Station, 1877–8; Naval Observatory, 1879–82; "Hartford," Pacific Station, 1882–5; during this cruise Lieutenant Qualtrough was for three weeks on a small coral island in charge of the naval portion of an astronomical expedition to make observations of the total solar eclipse in May, 1883; while there he made an accurate survey and chart of it, which was afterwards issued by the Hydrographic Office; Mare Island Navy Yard, 1886–9, in charge of the Ordnance Department; "Charleston," Pacific and Asiatic Stations, March, 1890, to September, 1892; then Admiral Gherardi's squadron, for special service, from September, 1892, until March, 1893, during which time he made an exhaustive report on the condition and armament of the defenses of Valparaiso, Chili; May, 1893, to date, in charge of Ordnance Work in Office of Naval Intelligence, Navy Department. Lieutenant Qualtrough is the author of the Boat-Sailor's Manual, and the Sailor's Handy Book and Yachtsman's Manual.

James Cephas Cresap.—Appointed from Ohio, June, 1867. *Midship-*

man, June, 1871; European Station, on steamers "Wachusett," "Wabash," "Brooklyn," and "Shenandoah," 1871–4. *Ensign*, July, 1872; flag-ship "Richmond," S. P. Station, Aide to Flag-Officer N. Collins, 1874–5; store-ship "Supply," 1875; iron-clad steamer "Manhattan," N. A. Station, 1876. *Master*, September, 1876; steamers "Alliance" and "Enterprise," N. A. Station, 1877; flag-ship "Hartford," S. A. Station, Aide and Secretary to Flag-Officer E. T. Nichols 1877–9; training-ship "Minnesota," 1880–1; receiving-ship "Colorado," New York, 1881–2; Torpedo Station, 1882. *Lieutenant*, December, 1883; Naval Experimental Battery, in charge, 1883; Naval Academy (Dep't Mathematics), 1884–5; steamer "Mohican," Pacific Station, 1885–8; assistant to U. S. Commissioner Bates at Samoa and Tonga, 1886; Naval Academy (Dep'ts English and Mathematics), 1889–92; training-ship "Jamestown," 1892; "Constellation," transporting European exhibits for World's Fair, 1892–3; protected cruiser "Baltimore," Naval Review Fleet, 1893; flag-ship "Chicago," European Station, 1893, to date.

Asher Carter Baker.—Appointed from Iowa. Naval Academy, September, 1867. *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, December, 1876; *Junior Lieutenant*, March, 1883; *Lieutenant*, January, 1884; "Wabash," Europe, 1871–3; "Brooklyn," South Atlantic Station, 1874–6; "Despatch" (despatch-boat), 1877–9; Hydrographic Office, 1880–2; "Albatross," special service, 1882–5; "Juniata," 1885–6; "Iroquois," Pacific Station, 1886–8; Naval Academy, 1888–90; World's Columbian Exposition, November, 1890, to date.

William Henry Hudson Southerland.—Born in New York, July 10, 1852. Naval Apprentice, 1867–8; entered Naval Academy, June 22, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, November, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, February, 1884; "Tuscarora," survey for inter-oceanic canal, landing party at Panama, deep-sea sounding cruise in North Pacific Ocean and Behring Sea, landing party at Honolulu during trouble attending accession of King Kalakaua, Samoan Islands with Special Commissioner Steinberger, 1872–5; Naval Academy, Department of Mathematics, 1875–7; "Plymouth," N. A. Station, 1877–9; "Kearsarge," N. A. Station, 1879–81; special duty, Hydrographic Office, 1881–4; established Branch Hydrographic Office, Philadelphia, October, 1884; "Dolphin," special service, 1884–5; "Brooklyn," N. A. Station, and on cruise to China, 1885–6; "Monocacy," Asiatic Station, 1886–7; Flag-Lieutenant, Asiatic Station, 1887–8; "Brooklyn," Asiatic Station, 1888–9; Naval Intelligence Office, 1889–91; special duty in charge of the office of the Secretary, under the Assistant Secretary, July, 1891, to date.

Lucien Young.—Born in Lexington, Kentucky, March 31, 1852. Appointed to the Naval Academy as *Midshipman* from that State, June 21, 1869; served on board the practice-ships "Dale," Savannah," and "Constellation;" graduated, May 31, 1873; July 23, 1873, ordered to the "Alaska," fitting out at New York, and which soon joined the European Station; special orders from the commanding officer of the "Alaska," and the admiral commanding the squadron, and a general order from the Secretary of the Navy, were published, commendatory of extraordinary heroism in jumping overboard while under way at sea, and saving the life of a seaman who had been knocked overboard; for this act, also, a gold medal of the first class was awarded by the New York Benevolent and Life-Saving Institution, and a framed certificate from the Humane Society of Massachusetts; detached from the "Alaska," August 5, 1875, at Lisbon, and ordered to the "Hartford," and on the 16th of October, 1875, detached from the "Hartford" at

Fort Monroe, and ordered to examination for promotion. Commissioned as *Ensign*, July 16, 1874; ordered to the "Powhatan," North Atlantic Station, December 10, 1875; detached from the "Powhatan," February 29, 1876, and ordered to the "Huron;" shipwrecked in the "Huron," off Nag's Head, N. C., November 24, 1877. For conduct on this occasion received letter of thanks from the Secretary of the Navy, a gold medal of the first class, under an Act of Congress, from the Life-Saving Service of the United States, a sword from the State of Kentucky by special resolution, made an honorary member of the Legislature of that State, was nominated by the President, and advanced, under a special Act of Congress, to the grade of *Master*. Commissioned a *Master*, from November 24, 1877; ordered to the "Portsmouth," March 17, 1878, and upon arrival at Havre, France, took charge of a squad of men for duty at the Universal Exposition at Paris, upon the completion of which rejoined the "Portsmouth," and served in her in the training squadron on return to the United States; detached from the "Portsmouth," April 5, 1880, and ordered to the Bureau of Equipment and Recruiting, Navy Department, acting for awhile as Naval Aide to the Secretary of the Navy; detached from the Bureau of Equipment and Recruiting, July 25, 1882, and ordered to the monitor "Montauk;" detached from monitor, December 5, 1882, and ordered to the "Kearsarge," North Atlantic Squadron; detached from the "Kearsarge" and ordered to the training-ship "Minnesota," May 31, 1893. Commissioned *Lieutenant* (junior grade), March 3, 1883; detached from the "Minnesota," October 29, 1883, and ordered to duty in charge of men, and on arrival to duty in the Pacific Squadron was assigned as Executive of the "Onward;" transferred from the "Onward" to the "Shenandoah," October 17, 1884; took part in landing at Panama, to protect American interests, in the spring of 1885; detached from the "Shenandoah" at San Francisco, October 8, 1886, and ordered to Washington for examination for promotion. Commissioned *Lieutenant*, May 1, 1884; granted six months' leave of absence, December 6, 1866; ordered to torpedo service at Newport, R. I., May 11, 1887, and to the Naval War College, August 30, 1887; detached from War College, December 19, 1887, and ordered to duty in the Bureau of Navigation, assigned to the office of Naval War Records, where he remained until February, 1891; February 4, 1891, joined the "Boston," of the Squadron of Evolution, and when the Chilian troubles occurred the "Boston" was ordered to Valparaiso and assigned to the Pacific Squadron; was in the Hawaiian Islands during the political crisis there, and when the revolution took place in Honolulu he commanded the artillery of the landing forces for the protection of American life and property; detached from the "Boston" at Mare Island Navy Yard, November 4, 1893; assigned to duty in the War Record Office, Navy Department, December 16, 1893, to date.

Jesse Mimms Roper.—Appointed from Missouri. N. A., June, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, November, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, June, 1884; "Omaha," S. P. Station, 1872–5; Naval Academy, 1875–7; "Supply" (store-ship), 1877–9; training-ship "Minnesota," 1879–82; "Wachusett," Pacific Station, 1882–5; special-duty, Navy Department, 1885–6; Naval Academy, 1886–89; "Petrel," N. A. Station, November, 1889, to September, 1891; Naval Academy, September, 1891, to date.

Charles Eben Fox.—Appointed at large. Naval Academy, June, 1868, to June, 1872; *Ensign*, July, 1873; *Master*, November, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, August, 1884; U. S. S. "Hartford,"

Asiatic Station, 1872–5; Hydrographic Office, 1875–6; U. S. S. "Adams," 1876–8; six months, North Atlantic Station, ; six months, South Atlantic Station; six months, Pacific Station; Coast Survey, 1878–9; U. S. S. "Nipsic," European Station, 1879–82; Navy Department, 1883–4; Aide to the Admiral, 1884–6; U. S. S. "Iroquois," 1886–7; U. S. S. "Vandalia," 1887–9, Pacific Station; Navy Department, 1889; Office Naval Intelligence, October, 1889, to December, 1892; "Baltimore," Asiatic Station, January, 1893, to date.

John Charles Fremont.—Appointed at large. N. A., June, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, November, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, September, 1884; "Wabash," Europe, 1872–4; "Powhatan," N. A. Station, 1876–8; special Light-House duty, 1878–81; Coast Survey, 1881–4; "Hartford," Pacific Station, 1884–6; Hydrographic Office, 1886–8; Recorder Board of Inspection, 1888–9; ordnance duty, Navy Yard, Washington, 1889–90; "Philadelphia," N. A. Station, July, 1890, to June, 1893; leave of absence, June, 1893, to September, 1893; Assistant Superintendent of Harbor of New York, September, 1893, to date.

Albert Mertz.—Appointed from Wisconsin. N. A., June, 1867; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, November, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, September, 1884; Asiatic Station, 1872–6; Coast Survey, 1876–80; "Wyoming," N. A. Station, 1880–3; "Alliance," N. A. Station, 1883–5; "Omaha," Asiatic Station, 1885–6; "Marion," Asiatic Station, 1886–8; R. S. "Minnesota," 1888, to January, 1891; "Yantic," S. A. Station, January, 1891, to December, 1893.

Rogers Harrison Galt.—Appointed at large. N. A., June, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, December, 1877; *Junior Lieutenant*, March, 1883; *Lieutenant*, November, 1884; "Tuscarora," Pacific Station, 1872–5; "Huron," N. A. Station, 1876–77; Coast Survey, 1877–81; R. S. "Independence," 1881; "Pensacola," Pacific Station, 1881–83; "Hartford," Pacific Station, 1883–4; Midvale Steel Works, 1884–8; "Mohican," Pacific Station, 1888 to November, 1891; Naval Academy, November, 1891, to date.

Downs Lorraine Wilson.—Appointed at large. N. A., July, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, September, 1876; *Junior Lieutenant*, March, 1883; *Lieutenant*, December, 1884; "Guard" (store-ship), 1877–8; Hydrographic Office, 1878–81; training-ship "Portsmouth," 1881–4; Hydrographic Office, 1884–6; Torpedo Station, 1886–7; "Marion," Asiatic Squadron, 1887–90; ordnance duty, Navy Yard, Washington, September, 1890, to December, 1892; "Baltimore," Asiatic Station, January, 1893, to date.

Oswin Welles Lowry.—Appointed from Ohio. N. A., June, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, April, 1878; *Junior Lieutenant*, March, 1883; *Lieutenant*, December, 1884; "Lancaster," S. A. Station, 1872–5; Coast Survey, 1875–7; "Frolic," S. A. Station, 1877–8; "Wyoming," European Station, 1878–9; "Kearsarge," N. A. Station, 1881–84; Light-House duty, 1884–7; "Ranger," special service, 1887–90; waiting orders, October, 1890, to February, 1891; charge Branch Hydrographic Office, New York, February, 1891, to April, 1892; leave of absence, April, 1892, to date.

Vincendon Lazarus Cottman.—Appointed by Hon. Jas. Brooks, Seventh District, New York City. Entered Naval Academy, September 21, 1868; graduated, June 1, 1872; *Ensign*, July 15, 1873; *Master*, May 9,

1878; *Lieutenant*, January 8, 1885; "Tuscarora," 1872–5; deep-sea sounding in Pacific, landing party, Panama, 1873; landing party, Honolulu, 1874; Samoa with Steinberger, Latrobe, etc., 1875; "Colorado," receiving-ship, New York, 1875–6; "Supply," training-squadron, 1876; "Alliance," European Station, 1877–80; receiving-ship "Colorado," 1880–1; "Richmond," Asiatic Station, 1881–2; "Monocacy," Asiatic Station, 1882–4; "Richmond," Asiatic Station, 1884; Branch Hydrographic Office, New York, 1885–9; in charge New York Nautical School-ship "St. Mary's," as Senior Instructor and Navigator, 1889; Secretary International Marine Conference, 1889–90; special duty Navy Department, November, 1890, to February, 1891; "Concord," N. A. Station, February, 1891, to date.

Oren Earl Lasher.—Appointed from New York. Naval Academy, September, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, July, 1878; *Junior Lieutenant*, March, 1883; *Lieutenant*, March, 1885; Asiatic Station, 1872–5; "Vandalia," Europe, 1876–7; "Despatch" (despatch-boat), 1877–9; "Alliance," special service, 1881–5; Navy Yard, Norfolk, 1885–6; commanding tug "Fortune," 1886–9; training-ship "Jamestown," 1889, to February, 1892; charge of Branch Hydrographic Office, Portland, Oregon, February, 1892, to April, 1893; waiting orders, April, 1893, to date.

Frank Ezra Sawyer.—Appointed from Massachusetts. Naval Academy, September, 1868; *Midshipman*, June, 1872; *Ensign*, July, 1873; *Master*, July, 1878; *Lieutenant* (junior grade), March, 1883; *Lieutenant*, June, 1885; "Hartford," Asiatic Station, 1872–5; "Richmond," South Pacific, 1876–7; R. S. "Franklin," 1877–8; Coast Survey, 1878–80; "Ashuelot," Asiatic Station, 1880–2; R. S. "Wabash," 1882–3; "Swatara," North Atlantic Station, 1883–6; Hydrographic Office, 1886–8; "Swatara," 1888–9; "Richmond," South Atlantic Station, 1889–90; World's Columbian Exposition, December, 1890, to October, 1892; "Thetis," special service, October, 1892, to date.

William Henry Schuetze.—Appointed from Missouri. Naval Academy, June, 1867; *Midshipman*, May, 1873; *Ensign*, July, 1874; *Master*, November, 1878; *Junior Lieutenant*, March, 1883; *Lieutenant*, October, 1885; Atlantic Station, 1874–5; "Monongahela," 1876–7; "Michigan," Northwestern Lakes, 1877–8; "Powhatan," North Atlantic Station, 1878–9; "Tennessee," North Atlantic Station, 1879–81; special duty, Siberia, 1882–5; special duty, State Department, 1885–6; Navy Department, 1886–7; Superintendent of Compasses, 1888–9; "Chicago," Squadron of Evolution, 1889, to November, 1892; leave of absence, November, 1892, to January, 1893; special duty, Navy Department, January, 1893, to date.

Thomas Benton Howard.—Born in Illinois. Appointed "at large;" Naval Academy, June, 1869, to May 31, 1873; *Ensign*, July, 1874; *Master*, June, 1879; *Junior Lieutenant*, March, 1883; *Lieutenant*, November, 1885; "Alaska" and "Wabash," European Station, 1873–4; "Wabash," at Key West, 1874; "Franklin," European Station, 1874–5; Naval Academy, 1876–8; "Plymouth," North Atlantic, 1878–9; "Kearsarge," North Atlantic, 1879–81; practice-ship "Dale," 1881; Naval Academy, 1881–4; practice-ship "Dale," 1883; "Saratoga," training-squadron, 1884–7; Naval Academy, 1887–90; ("Constellation," 1887 and 1889); U. S. S "Bennington," Squadron of Evolution and South Atlantic Station, 1891–2–3; caravel "Pinta," September, 1892, to March, 1893 (from Barcelona to Havana); "Bennington," Naval Review; "Miantonomah," N. A. Station, July, 1893, to date.

Walter Cleveland Cowles.—Appointed from Connecticut. N. A., September, 1869; *Midshipman*, May, 1873; *Ensign*, July. 1874; *Master*,

August, 1879; *Junior Lieutenant*, March, 1883; *Lieutenant*, December, 1885; Atlantic Station, 1873–5; "Trenton," Asiatic Station, 1875–9; training-ship "Constellation," 1879–80; Hydrographic Office, 1880–2; "Kearsarge," European Station, 1882–5; Navy Yard, Washington, 1885–6; Inspector of Steel, new cruisers, 1886–7; Navy Yard, Washington, 1887–9; "Kearsarge," N. A. Station, 1889–90; Inspector Steel Armor, October, 1890, to November, 1893; waiting orders since November, 1893.

Austin Melvin Knight.—Appointed from Florida N. A., June, 1869; *Midshipman*, May, 1873; *Ensign*, July, 1874; *Master*, October, 1879; *Junior Lieutenant*, March, 1883; *Lieutenant*, December, 1885; Pacific Station, 1872–5; Naval Academy, 1876–8; "Quinnebaug," European Station, 1878–9, "Galena," European Station, 1880–3; Naval Academy, 1883–5; ordnance duty, Annapolis, 1885–9; "Chicago," Squadron of Evolution, 1889, to June, 1892; Naval Academy, June, 1892, to date.

Charles Johnston Badger.—Born August 6, 1853. Appointed "at large" to N. A., June 1869. Graduated *Midshipman*, May, 1873. Commissioned *Ensign*, July, 1874. Commissioned *Master*, November, 1879. Commissioned *Lieutenant* (junior grade), March, 1883. Commissioned *Lieutenant*, January, 1886; September, 1873, to July, 1875, U. S. S. "Narraganset," survey of Gulf of California; October, 1875, to December, 1875, Navy Yard, Washington; January, 1876, to July, 1876, U. S. torpedo-steamer, "Alarm;" September, 1876, to November, 1879, Asiatic Station, serving on board "Ashuelot," "Alert," "Monocacy" and "Monongahela;" December, 1879, to April, 1880, special duty, Bureau of Navigation; April, 1880, to August, 1881, Coast Survey steamers "Endeavor" and "A. D. Bache;" September, 1881, to September, 1882, U. S. S. "Yantic," N. Atlantic Station; October, 1882, to January, 1884, Navy Yard, Boston; January, 1884, to March, 1884, Fish Commission steamer, "Fish Hawk;" April, 1884, to November, 1884, Executive of the U. S. S. "Alert," of the Greely Relief Expedition of that year. For participation in this expedition, received, by name, with the other officers and men from Maryland, the thanks of that State as tendered in joint resolutions of the Senate and House of Delegates, assembled at Annapolis; November, 1884, to April, 1885, ordnance duty, Navy Yard, Washington; April and May, 1885, attached to the U. S. S. "Tennessee," while serving with the expeditionary force sent to the Isthmus of Panama; October, 1885, to May, 1889, U. S. S. "Brooklyn," Asiatic Station; ordnance duty, Navy Yard, Washington, August, 1889, to November, 1892; "Dolphin," N. A. Station, November, 1892, to date.

Samuel Willaner Black Diehl.—Appointed from Pennsylvania to Naval Academy, September, 1869, as *Midshipman; Midshipman*, May, 1873; *Ensign*, July, 1874; *Master*, November, 1879; *Junior Lieutenant*, March, 1883; *Lieutenant*, January, 1886; European Station, "Alaska," "Wabash" and "Congress," 1873–5; North Atlantic Station, "Vandalia" and "Congress," 1876–8; Hydrographic Office, 1878–9; South Atlantic Station, "Marion," 1879–82; Bureau of Navigation, 1883–4; Torpedo Station, 1884; Bureau of Navigation, 1884–6; special service, U. S. S. "Boston," 1887–9; Bureau of Equipment and Recruiting as Superintendent of Compasses, 1889, to July, 1893; "Detroit," S. A. Station, July, 1893, to date.

Reginald Fairfax Nicholson.—Appointed from District of Columbia to Naval Academy, September, 1869; *Midshipman*, May, 1872; *Ensign*, July, 1874; *Master*, January, 1880; *Lieutenant* (junior grade), March, 1883;

Lieutenant, January, 1886; signal office, 1873; "Powhatan," N. A. Station, 1875–7; ordnance duty, Navy Yard, Washington, 1877–8; "Portsmouth" (training-ship), 1878–82; Hydrographic Office, 1882–5; "Mohican," Pacific Station, 1885–8; ordnance duty, Navy Yard, Washington, 1888, to September, 1892; Union Iron Works, San Francisco, September, 1892, to February, 1893; "Monterey," Pacific Station, February, 1893, to date.

Samuel Conrad Lemly.—Appointed from North Carolina to be a *Midshipman* in the navy at the Naval Academy, June 26, 1869; graduated, May 31, 1873, and detached from Naval Academy and wait orders; ordered to the U. S. S. "Monongahela," September 6, 1873, and cruising in that vessel on South Atlantic Station and in Indian Ocean until October 25, 1875, when detached, ordered home and wait orders. Promoted to *Ensign*, from July 16, 1874; U. S. monitor "Catskill," North Atlantic Station, February 18 to July 3, 1876, when detached and placed on waiting orders; ordered to the "Hartford," flag-ship, North Atlantic Station, November 24, 1876, and temporarily from that vessel to the U. S. monitor "Wyandotte," at Hampton Roads, Va., until January 15, 1877, when transferred to the U. S. S. "Essex;" cruising in the "Essex," on the North Atlantic Station, until October 16, 1879, when detached and placed on waiting orders; to duty in Nautical Almanac Office, January 13, 1880. Promoted to *Master*, February 24, 1880; detached from Nautical Almanac Office, January 3, 1881, and to the "Palos," Asiatic Station, per steamer from New York of January 5; engaged on special duty in determining secondary meridians of longitude in Japan, China, and India, from April 19, 1881, to March 27, 1882, when detached, ordered to return to the United States and wait orders; to the Bureau of Navigation, Navy Department, for special duty in the Office of the Judge Advocate General of the Navy, May 29, 1882; detached from duty in the Navy Department and to special duty (general court-martial) on board the "Richmond," flag-ship, Asiatic Station, March 19, 1883, per steamer of 29th of that month from San Francisco; title changed to *Lieutenant* (Junior Grade), March 3, 1883; detached from "Richmond," Asiatic Station, and to duty in Office of the Judge Advocate General of the Navy, June 2, 1883; ordered to the U. S. S. "Thetis," March 25, 1884, and attached to that vessel during the Greely Relief Expedition of 1884; detached from U. S. S. "Thetis," and to duty in the Office of the Judge Advocate General of the Navy, October 20, 1884. Promoted to *Lieutenant*, January 20, 1886; detached from the Office of the Judge Advocate General of the Navy, February 8, 1886, and ordered to the U. S. S. "Vandalia," fitting for sea at the Navy Yard, Portsmouth, N. H.; detached from the U. S. S. "Vandalia," March 8, 1886, and to special duty in the Office of the Judge Advocate General of the Navy, and March 16 of same year to temporary special duty (general court-martial) on board the U. S. S. "Omaha," flag-ship, Asiatic Station. Commissioned *Lieutenant*, April 22, 1886, to date from January 20 of that year; to special duty in the Office of the Judge Advocate General of the Navy, June 24, 1886; detached May 9, 1887, and ordered to the U. S. S. "Trenton," making a voyage in that vessel from Norfolk, Va., to Rio de Janeiro, Brazil, and return to New York; detached from U. S. S. "Trenton," January 2, 1889, and ordered to the U. S. S. "Enterprise," in which vessel cruised on the European Station until May 16, 1890, when detached at New York and placed on waiting orders; to special duty in the Office of the Judge Advocate General of the Navy, June 21, 1890, and to duty in that Office August 4 of same year; placed temporarily in charge of the Office of the Judge Advocate General of the Navy, June 17, 1891; ordered to report for duty at Naval Academy, Sep-

tember 1, 1891, but never reported, having been commissioned, under date of July 19, 1892, as *Judge Advocate General of the Navy,* with the rank of Captain in the Navy, from June 5 of that year.

Edmund Beardsley Underwood.—Appointed "at large." Naval Academy, June, 1869; *Midshipman,* May, 1872; *Ensign,* July, 1874; *Master,* March, 1880; *Junior Lieutenant,* March, 1883; *Lieutenant,* February, 1886; Atlantic Station, 1872–6; "Monongahela," 1876–7; "Michigan," Northwestern Lakes, 1877–9; "Pensacola," Pacific Station, 1881–4; Hydrographic Office, 1884–6; Training Squadron, 1886–7; "Quinnebaug," European Station, 1887–9; Naval Academy, 1889, to June, 1892; "Yantic," S. A. Station, June, 1892, to date.

William Frederick Halsey.—Appointed from Louisiana. Naval Academy, September, 1869; *Midshipman,* May, 1872; *Ensign,* July, 1874; *Master,* March, 1880; *Junior Lieutenant,* March, 1883; *Lieutenant,* March, 1886; Atlantic Station, 1872–6; "Alert," Asiatic Station, 1876–9; R. S. "Independence," 1881–2; "Iroquois," Pacific Station, 1882–5; Branch Hydrographic Office, New York, 1885–8; "Ranger," special service, 1888, to September, 1891; Naval Academy, September, 1891, to date.

Frank Adams Wilner.—Appointed from New York, June 22, 1869; graduated, May 31, 1873; *Ensign,* July 16, 1874; *Master,* March 25, 1880; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant,* May 13, 1886; "Alaska," European Station, August 5, 1873, to October 13, 1873; "Wabash," Key West, October 13, 1873, to April 1, 1875; "Congress," European Station, April 1, 1874, to August 26, 1875; "Hartford," return to United States, August 26, 1874, to October 16, 1875; "Vandalia," European Station, January 10, 1876, to February 5, 1879; Nautical Almanac Office, May 21, 1879, to March 15, 1880; U. S. S. "Constellation," March 17, 1880, to June 12, 1880, Irish Relief Cruise; U. S. R. S. "Passaic," July 15, 1880, to December 13, 1880, Washington Yard; Coast Survey, December 15, 1880, to September 25, 1883; in charge Hydrographic party on schooner "Silliman," December 9, 1882, to July 1, 1883; Coast Survey Office, July 2, 1883, to September 25, 1883; U. S. S. "Alert," Asiatic Station, October 20, 1883, to September 25, 1886; Naval Ordnance Proving Ground, January 3, 1887, to April 22, 1890; "Essex," S. A. Station, April 22, 1890, to June 8, 1893; Inspector of Armor, Homestead Steel Works, June 8, 1893, to date.

Frederick Halsey Tyler.—Appointed from Michigan. Naval Academy, June 1868; *Midshipman,* May, 1872; *Ensign,* July, 1874; *Master,* June, 1880; *Junior Lieutenant,* March, 1883; *Lieutenant,* May, 1886; Atlantic Station, 1872–6; "Swatara," N. A. Station, 1877–8; "Marion," Pacific Station, 1878–9; training-ship "Saratoga," 1880–1; "Nipsic," S. A. Station, 1883–5; Navy Yard, Norfolk, 1886–8; "Yantic," N. A. Station, 1888–9; training ship "Portsmouth," 1889, to November, 1892; Navy Yard, Norfolk, November, 1892, to date.

Henry Morrell.—Born in New York. Entered Naval Academy, June 29, 1869; graduated, May 31, 1872. Promoted *Ensign,* July 16, 1874; *Master,* October 11, 1880; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant,* May 23, 1886; "Alaska," European Station, 1875–6; "Adams," N. A. Station, 1876–9; Coast Survey, 1879–83; "Alert," Asiatic Station, 1883–84; "Monocacy," Asiatic Station, 1884–6; ordnance duty, Navy Yard, Washington, 1886–7; Bureau Ordnance, 1887–90; "Adams," S. A. Station, August, 1890, to November, 1893; Navy Yard, New York, November, 1893, to date.

William Winder.—Born in Portsmouth, N. H., September 18, 1851. Appointed to Naval Academy, 1869; appointed *Midshipman*, May 31, 1872; U. S. S. "Independence," 1873; "Richmond," Pacific Squadron, 1873–4. Commissioned *Ensign*, July 16, 1874; "Marion," N. A. Squadron, November, 1875, to February, 1876; "Hartford," N. A. Squadron, Feb., 1876, to April, 1876; "Dictator," N. A. Squadron, April, 1876, to May, 1877; Torpedo Station, June, 1877, to October, 1877; "Colorado," receiving-ship, N. Y., October, 1877, to March, 1878; "Constellation," special duty, March to July, 1878; "Wabash," receiving-ship Boston, August, 1878, to January, 1879; "Vandalia," N. A. Station, January, 1879, to September, 1879; "Marion," N. A. Station, September, 1879, to September, 1883. Commissioned *Master*, November 23, 1880; "Wabash," Boston, September, 1883. Commissioned *Lieutenant* (junior grade), March 3, 1883; Torpedo Station, April, 1884–5; "Omaha," China Station, 1885; "Marion," China Station, 1886. Commissioned *Lieutenant*, May 23, 1886; "Wabash," Boston, 1888, to June, 1890; Coast Survey, June, 1890; "Newark," N. A. Station, 1891; "Kearsarge," N. A. Station, 1892, to September, 1893; at present on Leave of Absence.

Charles Brainard Taylor Moore.—Born in Illinois. Entered Naval Academy, September 27, 1869; graduated, May 31, 1872. Promoted *Ensign*, July 16, 1874; *Master*, December 14, 1880; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, August 5, 1886; "Alaska," European Station, 1873; "Pensacola," North Pacific Station, 1874–6; training-ship "Monongahela," 1876; "Essex," South Atlantic Station, 1877–9; "Onward," store-ship, 1881–3; "Galena," North Atlantic Station, 1883–5; Navy Yard, Boston, 1885; "Alert," Asiatic Station, 1886–89; Naval Academy, February, 1890, to July, 1893; "Newark," S. A. Station, July, 1893, to date.

Ten Eyck De Witt Veeder.—Born in New York. Entered Naval Academy, September 24, 1868; graduated, May 31, 1873. Promoted *Ensign*, July 16, 1874; *Master*, January 1, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, October 7, 1886; "Tuscarora," deep-sea sounding, Pacific Station, 1873–5; "Vandalia," European Station, 1876–77; "Alliance," European Station, 1877–80; Torpedo Station, 1880–1; "Richmond," "Palos" and "Ashuelot," Asiatic Station, 1881–4; on board "Ashuelot" when wrecked on Larnock Rocks, Formosa Channel; Navy Yard, Washington, 1884; special duty, Electric Lighting, Bureau of Navigation, 1885–9; Bureau of Equipment, Electric Lighting, 1890; "Enterprise, July 1, 1890; "Yorktown," Squadron of Evolution, August, 1890, to May, 1893; Bureau of Equipment, July, 1893, to date.

Alfred Reynolds.—Born in Virginia. Entered Naval Academy, September 21, 1869; graduated, May 31, 1872. Promoted *Ensign*, July 16, 1874; January 1, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, November 9, 1886; "Narraganset," Pacific Station, 1873–6; "Ranger," Asiatic Station, 1877–80; ordnance duty, Navy Yard, New York, 1880–1; "Alliance," N. A. Station, 1882–5; Navy Yard, Washington, 1885–7; "Swatara," S. A. Station, 1888, to January, 1891; Navy Yard, Washington, March, 1891, to date.

John Marshall Robinson.—Born in New York. Appointed ("at large") *Midshipman*, June 23, 1869; graduated, May 31, 1873. Promoted *Ensign*, July 16, 1874; *Master*, January 2, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, December 13, 1886. "Pensacola," "Omaha" and "Sarranac," South and North Pacific Stations, September, 1873, to

August, 1875; monitor "Passaic," N. A. Station, January to July, 1876; "Yantic," "Palos" and "Alert," Asiatic Station, September, 1876, to April, 1879; "Michigan," N. W. Lakes, July, 1879, to November, 1881; Hydrographic Office, November, 1881, to November, 1882; "Kearsarge," N. A. and European Stations, November, 1882, to November, 1885; R. S. "Minnesota," New York, February, 1886, to July, 1887; Inspector of Steel, new cruiser "Pittsburgh," July, 1887, to April, 1888; "Richmond," S. A. Station, December, 1888, to September, 1890; "Atlanta," Squadron of Evolution, September, 1890, to October, 1891; Hydrographic Office, December, 1891, to date.

George Henry Peters.—Born in Pennsylvania. Entered Naval Academy, June 23, 1870; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, January 10, 1881; *Lieutenant*, (junior grade), March 3, 1883; *Lieutenant*, December 14, 1886; "Richmond," S. P. Station, 1874–76; Coast Survey, 1877–80; training-ship "Constitution," 1881–2; "Despatch," special surveying service, 1882; special duty, Bureau of Navigation, 1882–4; "Powhatan," special duty, 1884–5; Coast Survey Office, and commanding different C. S. vessels, in immediate charge of the "Coast Pilot" work on the Atlantic coast of U. S., 1885–8; Squadron of Evolution, 1888 to April, 1891; Naval Intelligence Office, May, 1891, to date.

Bradley Allan Fiske.—Entered Naval Academy, September 22, 1870; graduated Naval Academy, second in class, May 30, 1874; served in U. S. S. "Pensacola," "Plymouth," "Powhatan," "Saratoga," "Minnesota," "Brooklyn," "Atlanta," "Yorktown" and "San Francisco;" invented boat detaching and attaching apparatus in 1878; invented electric log in 1879; invented rotary breech-loader in 1882; wrote "Electricity and Electrical Engineering," in 1882 (this book in the 10th edition in 1893); elected member International Electrical Congress, 1884; invented electric ammunition hoist in 1886; invented electric training-gear for guns in 1886; invented electric steering-gear for ships in 1886; invented electric range-finder in 1888; invented electric position-finder in 1889; invented telescopic sight for ships' guns in 1889; invented automatic pneumatic machine gun in 1889; invented electric engine-room telegraph in 1890; invented electric range indicator in 1891; invented mast-head sextant in 1891; invented electric telescopic gun-director in 1892; elected Member of International Electrical Congress in 1893; invented electric depression position-finder in 1893; received Elliott Cresson gold medal from Franklin Institute in 1893.

Frank Huntington Holmes.—Born in Massachusetts. Entered Naval Academy, June 29, 1870; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, February 24, 1881; *Lieutenant*, (junior grade), March 3, 1883; *Lieutenant*, January 29, 1887; "Pensacola," North Pacific Station, 1874–6; receiving-ship "Independence," 1876; nautical school-ship "Jamestown," 1877–8; receiving-ship "Independence," 1879; "Alert," Asiatic Station, 1879–82; Naval Academy, 1882–5; "Brooklyn," North Atlantic and Asiatic Stations, 1885–9; Electric Light duty, Boston, Mass., August, 1889, to May, 1893; "Baltimore," Asiatic Station, May, 1893, to date.

John William Stewart.—Naval Academy and Practice Cruises, September, 1870, to June, 1874; U. S. S. "Plymouth," N. Atlantic Station, October, 1874, to March, 1875; U. S. flag-ship "Tennessee," Asiatic Station, May, 1875, to September, 1876. Promoted *Ensign*, July, 17, 1875; U. S. receiving-ship "Wyoming," Washington Navy Yard, March, 1877, to November, 1877; U. S. S. "Enterprise," N. Atlantic Station, November, 1877, to June, 1878; U. S. Coast Survey, August, 1878, to August, 1881. Pro-

moted *Master*, March 12, 1881; U. S. S. "Despatch," Surveying Samana Bay, December, 1881, to June, 1882; Nautical Almanac Office, September, 1882, to June, 1883. Promoted *Lieutenant* (junior grade), March 3, 1883; U. S. S. "Pinta," special service, and in Alaska, June, 1883, to October, 1886; Nautical Almanac Office, January, 1887, to May, 1889. Promoted *Lieutenant*, March 1, 1887; Torpedo Station, Newport, May, 1889, to September, 1889; U. S. S. "Yantic," N. Atlantic Station, September, 1889, to August, 1890; U. S. S. "Kearsarge," N. Atlantic Station, August, 1890, to October, 1891; U. S. S. "Thetis," Surveying Pacific, December, 1891, to October, 1892; Office Naval Intelligence, from February, 1893 to date.

Lucian Flynne.—Born in Alabama. Entered Naval Academy, September 22, 1870; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1875; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, January 29, 1887; Asiatic Station, 1874–6; "Canonicus," North Atlantic Station, 1877–8; "Vandalia," 1879–80; Coast Survey, 1881–5; training-ship "Portsmouth," 1885–8; special duty, electric lights, 1888 to June, 1892; commanding Coast Survey Steamer "Gedney," June, 1892, to date.

John Frederick Parker.—Born in Ohio. Entered Naval Academy, September 29, 1870; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, May 17, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, April 21, 1887; "Plymouth," North Atlantic Station, 1874; "Tennessee," Asiatic Station, 1875–6; "Constellation," Paris Exposition, 1877–8; "Enterprise," European Station, 1879–82; Naval Academy, 1882–5; "Adams," Pacific Station, 1885–9; Secretary Berlin Samoan Commission, 1889; Recorder Board of Organization, 1889, to February, 1891; Aide to President, February, 1891, to March, 1893; Bureau of Navigation, March, 1893, to August, 1893; "New York" S. A. Station, August, 1893, to date.

Hamilton Hutchins.—Born in New Hampshire. Entered Naval Academy, June 23, 1870; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, May 22, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, May 21, 1887; "Colorado," N. A. Station, 1874; "Worcester," N. A. Station, 1874; "Hartford," N. A. Station, 1875–6; "Trenton," European Station, 1877–9; "Constellation," special service, 1879–80; R. S. "Passaic," 1880–1; Navy Yard, Norfolk, 1881–2; "Hartford," Pacific Station, 1882–5; Navy Yard, New York, 1886; Torpedo Station, 1886–8; "Boston," Squadron of Evolution, 1889–90; Assistant to Inspector of Electric Lights, October, 1890, to June 1892; training-ship "Portsmouth," June, 1892 to date.

John Marshall Bowyer.—Born in Indiana. Appointed from Iowa. Entered Naval Academy, September 28, 1870; graduated, 1874. Promoted *Ensign*, July 17, 1875; *Master*, May 28, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, May 26, 1887; "Powhatan," 1874; "Franklin," "Juniata" and "Alaska," European Station, 1875–6; training-ship "Monongahela," 1877; "Michigan," Northwestern Lakes, 1877–80; R. S. "Independence," 1880–1; "Wachusett," Pacific Station, 1881–4; "Michigan," Northwestern Lakes, 1884–7; instruction in torpedo service, 1887–8; "Omaha," Asiatic Station, 1888 to June, 1891; Naval Academy, September, 1891, to date; practice-ship "Constellation," summer cruise, 1893.

John Charles Colwell.—Born at Carlisle, Pennsylvania, Aug. 10, 1856. Appointed to Naval Academy as a *Midshipman* at large, Feb. 13, 1870.

Extract from proceedings of a meeting of citizens of Anne Arundel County, Maryland, January 25, 1873:

"*Resolved*, That we acknowledge with heartfelt gratitude the very courageous manner "in which Midshipman John C. Colwell, of the U. S. Naval Academy, went to the rescue "of our esteemed fellow-citizen * * * who broke through the ice while crossing the "Severn River on the night of the 13th of January.

"*Resolved*, That we look upon the conduct of Mr. Colwell as one of the most merito-"rious acts which has ever come under our knowledge, for which we take this method of "making our acknowledgment."

Extract from General Order No. 17, dated January 31, 1873:

"The motive that prompted * * * is deserving all commendation, and the "Superintendent feels the greatest gratification in thus publicly acknowledging his "admiration for the gallantry displayed upon that trying occasion. * * * No deed "of heroism is more worthy of praise than that unselfish kind where one places in "serious jeopardy his own life in behalf of a suffering fellow-man. * * * Young "lives upon whose opening pages such instances of true conrage and humanity are writ-"ten, give the best ground for a reasonable hope that they will bear an abundance of "fruit to the honor of the country they serve. The Superintendent will take pleasure in "bringing to the notice of the Department the worthy conduct of Cadet Midshipman "Colwell * * * in the confident belief that the gallant act will not be passed by "without further recognition. (Signed) "JOHN L. WORDEN,

"Rear Admiral and Supt. N. A."

Extract from letter of Navy Department, dated February 10, 1873:

"* * * * * * to express * * * to Cadet Midshipman Colwell * * * "the thanks of the Navy Department for, and my admiration of. the heroic conduct."

(Signed) "GEORGE M. ROBESON,

"Secretary of the Navy."

Graduated No. 10 from Naval Academy, May 30, 1874; on flag-ships "Hartford," "Palos," and "Kearsarge," Asiatic Station, 1874–6. Commissioned *Ensign*, July 17, 1875; on training-ship "Constitution," 1877; ship "Guard," establishing longitudes on coast of Brazil, by sub-marine cables, 1877–9; Coast Survey service, 1879–80, schooner "Drift" on sea currents work in Gulf of Mexico, schooner "Silliman" on hydrographic survey on coast of Maine, and steamer "Gedney" on coast of Texas; "Yantic," North Atlantic Station, 1880–3. Commissioned *Master*, June 1, 1881, and *Lieutenant* (junior grade), March 3, 1883; on sealing steamer "Proteus," second Greely Relief Expedition under War Department, 1883, the only naval officer on board; after "Proteus" was sunk by ice north of Cape Sabine, made passage in a whale boat, with a crew of six men of the U. S. Army, of 930 miles to Disco in South Greenland, where U. S. S. "Yantic" was met, and taken back north for the rest of the expedition, all getting home the same year.

Extract from published official report of Commander F. Wildes, U. S. N, commanding "Yantic," dated September 17, 1883:

"Lieutenant Colwell, six men and an Eskimo, arrived in the harbor (Godhaven Disco) "and came on board. They had been 39 days in an open boat, and traveled about 900 "miles; suffering great hardships in the passage across Melville Bay, yet they looked "well and hearty though somewhat thin and weather-beaten * * * I sailed the same "afternoon for Upernavik * * * arrived on the morning of September 2d, and "welcomed on board Lieutenant Garlington with the Greely Relief party and Captain "Pike with crew of the 'Proteus.' * * * The energy, conrage, and professional skill "shown by Lieutenant J. C. Colwell deserves the attention of the Department. Having "separated, by order, from the other boats off Cape York, he took the first open lead to "the S. E., intending to steer direct to Upernavik; but a westerly gale coming on he ran "before it for 20 hours, snowing heavily, and his crew much exhausted from fatigue and "cold. This was immediately followed by a gale from S. E., which was rode out under "the lee of an iceberg. Reaching Upernavik but a few hours after the departure of "this vessel, and stopping only long enough to dry his clothing and shift into another "boat, he pursued his way southward, reaching Godhaven as stated above."

Extract from published official report of E. A. Garlington, 1st Lieutenant, 7th Cavalry, dated October 3, 1883:

"I take great pleasure in calling attention to the very valuable services of Lieutenant "J. C. Colwell, U. S. Navy. To his professional knowledge is added great energy and "determination, and a sound practical judgment, which qualities, with his experience of "this year, eminently fit him for duty in the Arctic regions, and I earnestly recommend "that his services be secured to command the relief vessel of the next expedition."

Volunteered, on arrival at St. John's, Newfoundland, to at once return north for the Greely party in another vessel, in a telegram from Lieutenant Garlington to War Department, dated September 15, 1883. Answer received same date by Lieutenant Garlington, "Expedition this year not considered advisable." On special duty, winter 1883–4, in attendance on Court of Inquiry, and at Navy Department in connection with fitting out the third Relief Expedition.

Extract from the conclusions of Court of Inquiry appointed by the President, and composed of Brig.-General S. V. Benet, Brevet Major-General O. M. Poe, Brevet Major-General R. B. Ayres, and Judge Advocate, Major H. Goodfellow (a survivor of Dr. Kane's Arctic expedition), dated January 15, 1884:

"It is considered by the court to have been extremely fortunate for the expeditionary "force that the one officer sent with it, and who commanded, was so ably aided and sup-"ported by the service of Lieutenant J. C. Colwell, United States Navy, who volunteered "for a duty so much more severe and perilous than that to which he had been regularly "assigned on board a naval vessel, and who brought to the duty he assumed so much "capacity, courage and special knowledge"

Recommended by Captain E. A. Garlington, the Commanding Officer of the Expedition, for a Medal of Honor—

"for conspicuous courage and bravery in cutting away a whaleboat in the face of extreme "and imminent danger during the sinking of the 'Proteus' * * * in great danger "with the foundering ship and an explosion, the ship being wrapped in escaping steam, "he, with the assistance of one or two men, cut loose and saved the whaleboat, making it "possible to bring the party out of that region."

Recommendation declined on technical grounds of non-eligibility of an officer of the Navy for receipt of an Army medal.

Ordered to Relief steamer "Bear," third Greely Relief Expedition, under Captain W. S. Schley, U. S. N., March, 1884. In command of a steam cutter, was the first to discover and relieve the hunger of the survivors of the Greely party at the spot where the first landing had been made after the sinking of "Proteus" the previous year, and where a boat load of provisions had been left by Lieutenant Colwell. Mentioned in General Orders for results of expedition.

Extract from publication on the "Rescue of Greely," by Assistant Secretary of the Navy, J. R. Soley and Captain W. S. Schley, U. S. N. (p. 90):

"The other boat under Colwell, taking a more southerly course, set out alone on its journey "across Melville Bay, a journey which takes a place among the best work done by "Arctic explorers. For perseverance, good judgment, and courage in the officer who "accomplished it almost single-handed, it could not well be outdone."

On duty, Office of Naval Intelligence, Navy Department, winter of 1884–85; special aide on staff of Chief Marshal and escort to the President during inaugural ceremonies of President Cleveland, March 4, 1885. Ordered from Washington on Naval Expedition to guard Isthmus of Panama during insurrection of spring of 1885; stationed at Matachin in command of half battery

of artillery until U. S. forces were withdrawn; commended in General Orders; Torpedo Station, 1886; Office of Naval Intelligence, 1886–8. Promoted to *Lieutenant*, June 30, 1887; special duty winter 1887–8, in connection with establishing a Naval Reserve, visiting and reporting on ship-building facilities and machine-shops of the Lake-board cities; in published list of "American Naval Authors," credited with authorship of —; notes on Ships of War, 1886; characteristic principles of Foreign Ships of War, 1886; characteristics of principal U. S. Ports, 1886; notes on Ships, Guns and Torpedoes, 1887; Naval Reserves and Coast Defense, 1888; on Staff of Commander-in-Chief, North Atlantic Station, 1888–9; revolution in Hayti; "Yorktown" and "Boston" of Squadron of Evolution, 1889–91; with the Squadron at Rio Janeiro on the recognition by the United States of the establishment of the Republic; office of Naval Intelligence, winter 1891–2; special duty under Department of State, in Spain with the Commissioners representing the United States at the Columbian celebrations in that country, 1892–3; by telegraph from Navy Department ordered to take command of the Columbus caravel "Nina" at Cadiz; left that port February 18, 1893, with a crew from the U. S. S. "Newark," touched at Canary Islands, and relinquished the caravel to Spanish crew in Havana, Cuba, March 22, 1893; on duty, Office of Naval Intelligence, 1893.

William Reed Alexander Rooney.—Born in Pennsylvania. Entered Naval Academy, September 28, 1870; graduated, June, 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, June 11, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, June 30, 1887; "Colorado," N. A. Station, 1874; "Worcester," N. A. Station, 1874; "Hartford," N. A. Station, 1875–6; R. S. "Passaic" 1877–9; "Pensacola," Pacific Station, 1880; "Wachusett," Pacific Station, 1881–4; training-ship, "New Hampshire," 1884–6; Naval War College, 1887; "Swatara," S. A. Station, 1888 to June, 1891; Inspector of Steel, June, 1891, to date.

Edward John Dorn.—Born in Wisconsin. Entered Naval Academy, September 21, 1870; graduated, June 1, 1874. Promoted July 18, 1875; *Master*, August 30, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, June 30, 1887; "Pensacola," N. Pacific Station, 1874–6; training-ship "Constitution;" "Guard," special service, 1877–9; R. S. S. "Colorado," 1879–80; relief-ship "Constellation;" Hydrographic Office, 1880–3; "Nipsic," S. A. Station, 1883–6; training-ship "New Hampshire," Navy Yard, Washington, D. C., 1886–7; Inspector Steel, new cruisers, 1877–8; Coast Survey steamer "Patterson," 1889, to June, 1892; Office Naval Intelligence, June, 1892, to date.

Bernard Orme Scott.—Born in Alabama. Entered Naval Academy, June 29, 1870; graduated June 1, 1874. Promoted *Ensign*, July 17, 1875; *Master*, September 14, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, July 1, 1887; "Tennessee," Asiatic Station, 1875–6; "Ranger," Asiatic Station, 1876–80; "Monocacy," Asiatic Station, 1880–4; office of Superintendent of Compasses, 1884–6; Fish Com. steamer, "Albatross," 1886–7; "Trenton," Pacific Station, 1887–9; nautical school-ship "Saratoga," 1889, to December, 1892; "Michigan," December, 1892, to January, 1893; "Mohican," Pacific Station, January, 1893, to date.

David Peacock.—Born in New Jersey. Entered Naval Academy, September 28, 1869; graduated, May 31, 1874. *Midshipman*, June 1, 1874. Promoted to *Ensign*, July 17, 1875. Promoted to *Master*, September 14, 1881. Promoted to *Lieutenant* (junior grade), March 3, 1883. Promoted to *Lieutenant*, August 25, 1887; flag-ship "Brooklyn," S. A. Station, 1874–6;

"Enterprise," Amazon Survey, 1877–80; "Quinnebaug," 1880–1; Hydrographic Office, Washington, D. C., 1881; "Enterprise," 1882; "Swatara," 1882–3; receiving ships "Colorado" and "Vermont," New York, 1884; training-ship "Jamestown," 1885; commanding C. S. steamer "Hassler," 1886–8; training-ship "Saratoga," as Watch-Officer and as Navigator, 1888; training-ship "Constellation," 1888–9; "Jamestown," 1889; duty at Portsmouth Navy Yard, New Hampshire, 1889-90; in charge branch Hydrographic Office, Portland, Oregon, September, 1890, to March, 1892; "Pinta," special service, March, 1892, to date.

John Ormond Nicolson.—Born in Alabama. Entered Naval Academy, June 25, 1869; graduated, October 15, 1874. Promoted *Ensign*, July 17, 1875; *Master*, October 12, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, September 4, 1887; "Juniata," European Station, 1874–5; training-ship "Constitution," 1875–7; "Wyoming," European Station, 1877–8; "Jamestown," N. P. Station, 1879–83; torpedo service, 1885; practice-ship "Constellation," 1885–7; Naval Academy, 1887–9; Naval Academy, September, 1888, to date.

George Thornton Emmons.—Born in Baltimore, Maryland, June 6, 1852. Appointed to U. S. Naval Academy as *Midshipman*, June 4, 1870; graduated, October 15, 1874. Promoted *Ensign*, July 17, 1875; *Master*, October 15, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, November 1, 1887; "Powhatan," special duty, 1875; "Alert," 1876; "Plymouth," 1878; "Enterprise" and "Trenton," European Station, 1878–81; "Adams," Pacific Station, 1882–4; "Pinta," special duty, 1884–7; engaged in studying Native Tribes of Alaska, 1887–90; "Pinta," special service, 1890–92; ordered to take charge of Exhibit of Territory of Alaska at Columbian Exposition, January, 1892, to date.

York Noël.—Entered Naval Academy from Cumberland County, Pennsylvania, September 20, 1870; graduated, May 30, 1874; served on North Atlantic Station, on board flag-ships "Colorado," "Worcester" and "Hartford," from July 8, 1874, to August 31, 1876. Commissioned *Ensign*, July 17, 1876; served on board "Alliance," European Station, from January 1, 1877, to October 5, 1877; served on training-ship "Minnesota," from May 7, 1878, to July 26, 1878; served on "Fortune," North Atlantic Station, from September 11, 1878, to June 9, 1879; stationed at Norfolk Navy Yard, from June 9, 1879, to October 1, 1879; served on flag-ship "Shenandoah," South Atlantic Station, from October 1, 1879, to May 27, 1882. Commissioned *Master*, October 28, 1881; served on "Miantonomah," special cruise, from October 2, 1882, to March 13, 1883; title changed from Master to *Lieutenant* (junior grade), March 3, 1883; served on receiving-ship "Colorado," New York, from March 13, 1883, to September 18, 1883; served on North Atlantic Station, on board "Galena" and "Swatara," from September 18, 1883, to September 13, 1886; during which time was on duty ashore with Naval Brigade when it occupied the Isthmus of Panama, during the Revolution of 1885; served on receiving-ship "Vermont," New York, from October 15, 1886, to May 7, 1889. Commissioned *Lieutenant*, January 2, 1888; served on board "Despatch," from May 7, 1889, to December, 1891; Navy Yard, League Island, December, 1891, to July, 1892; training-ship "Monongahela," July, 1892, to date.

Albon Chase Hodgson.—Born in Georgia. Entered Naval Academy, June 28, 1869; graduated, June 1, 1874. Promoted *Ensign*, July 17, 1876; *Master*, November 6, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 31, 1888; "Tennessee," Asiatic Station, 1875–7; Naval Acad-

emy, 1877–9; Light-House duty, 1879–82; training-ship "Jamestown," 1882–4; Naval Academy, 1884–8; "Pinta," Pacific Station, 1888–90; Navy Yard, Pensacola, December, 1890, to September, 1891; Naval Academy, September, 1891, to date.

James Meredith Helm.—Born in Illinois. Entered Naval Academy, September 29, 1871; graduated, June 21, 1875. Promoted *Ensign*, July 18, 1876; *Master*, November 25, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, June 1, 1888; "Tennessee," Asiatic Station, 1875–7; "Alaska," Pacific Station, 1877–9; "Tuscarora," surveying in Pacific, 1879–81; "Ranger," surveying in Pacific, 1881–5; commanding C. S. S. "McArthur," in Alaska, 1886; training-ship "Saratoga," 1887; commanding C. S. S. "Gedney," 1888, to April, 1892; "Michigan," April, 1892; commanding detail of men from "Michigan," on duty at the World's Fair, March to December, 1893.

William Gifford Cutler.—Born in New York. Entered Naval Academy, September 20, 1871; graduated, June 21, 1875; *Ensign*, July 18, 1876; *Master*, December 1, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, June 19, 1888; "Lackawanna," Pacific Station, 1876–7; European Station, 1877–81; Coast Survey, 1883–5; "Dolphin," special service, 1885–8; Naval Academy, 1889, July, 1892; "Yorktown," unassigned, N. A. Station, July, 1892, to date.

Cameron McRae Winslow.—Born in District of Columbia. Entered Naval Academy, September 20, 1870; graduated, June 21, 1875; *Ensign*, July 18, 1876; *Master*, December 21, 1881; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, July 1, 1888; "Tennessee," Asiatic Station, 1875–77; "Constitution," training-ship, 1877–9, "Tennessee," N. A. Station, 1879–81; commanding C. S. S. "Ready," 1881–5; "Pensacola," European Station, 1885; "Kearsarge," European Station, 1885–7; Torpedo Station, 1887–9; special duty, Torpedo Boat, No. 1, 1889–90; commanding "Cushing," April, 1890, to November, 1891; waiting orders, November, 1891, to April, 1893; "Alliance," Pacific Station, April, 1893, to date.

Charles Laird.—Born in and appointed from the State of Ohio. Entered Naval Academy, September 22, 1870; graduated, June 21, 1875. Promoted *Ensign*, July, 1876; *Master*, February 1, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, September 28, 1888; "Hartford," N. A. Station, 1875–7; training-ship "Minnesota," 1877–8; flag-ship "Richmond," Asiatic Station, 1878–9; "Ashuelot," 1879; "Palos," 1879–81; in 1881 connected with expedition for the telegraphic determination of differences of longitudes in China, Japan and East Indies; "Michigan," Great Lakes, 1882; expedition for telegraphic determination of differences of longitudes on East Coast of Mexico, 1883; same duty on West Coast of Central and South America, 1884; training-ship "Jamestown," 1884–6; training-ship "Portsmouth," 1886–7; in charge of Chart Construction, Hydrographic Office, 1887–8; expedition for the telegraphic determination of differences of longitudes and for making magnetic observations in Mexico and Central America, 1888–9; same duty in West Indies and Coast of Spanish Main, 1889–90; "Concord," Squadron of Evolution, February, 1891, to November, 1891; "Boston," Pacific Station, November, 1891, to November, 1893; leave of absence, November, 1893, to date.

Nathaniel Reilley Usher.—Born in Indiana. Entered Naval Academy, September 21, 1871; graduated, June 21, 1875. Promoted *Ensign*, July 18, 1876; *Master*, February 4, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, October 31, 1888; flag-ship "Tennessee," Asatic Station,

1875–7; "Kearsarge," 1877–8; "Constellation," 1878; receiving-ship "Independence" 1878–9; "Jamestown." Alaska Station, 1879–81; gunnery training-ships "Minnesota," "Alarm," and "Passaic," 1882–3; training-ship "Saratoga," 1883–4; Greely relief-ship "Bear," 1884; Bureau of Equipment and Recruiting, Navy Department, 1885; "Juniata," cruise around the world, 1886–9; U. S. R. S. "Vermont," 1890 to April, 1892; "Dolphin," special service, April, 1892, to date.

Walter Scott Hughes.—Born in Iowa. Entered Naval Academy, September 24, 1870; graduated, June 21, 1875. Promoted *Ensign*, July 18, 1876; *Master*, February 16, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, January 15, 1889; "Richmond," South Pacific Station, 1875; training-ship "Minnesota," 1877–8; "Ticonderoga," special service, 1878–82; training-ship "Jamestown," 1882–4; training-ship "New Hampshire," 1884–6; Hydrographic Office, 1886–7; Training Squadron, 1887; "Quinnebaug," European Station, 1887–9; "Galena," N. A. Station, 1889–90; Branch Hydrographic Office, New Orleans, November, 1890, to September, 1893; "Thetis," special service, September, 1893, to date.

Fidelio Sharps Carter.—Born in Kentucky. Entered Naval Academy, September 29, 1870; graduated, June 21, 1875; Promoted *Ensign*, July 11, 1876; *Master*, March 10, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, February 12, 1889; "Frolic," special service, 1875; "Marion," North Atlantic Station, 1875–7; "Constitution" (training-ship), 1877–9; "Tennessee," North Atlantic Station, 1879–80; Coast Survey, 1885–6; training-ship "Jamestown," 1886–8; school-ship "St. Mary's," 1889 to November, 1891; "Adams," Pacific Station, November, 1891, to date.

Frank Friday Fletcher.—Born in Iowa. Graduated from Naval Academy, June 21, 1875. Promoted *Ensign*, July, 1876; *Master*, April 1, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, February 19, 1889; "Tuscarora," deep-sea sounding in Pacific, 1875–6; "Lackawanna," 1877; "Constellation," special service to Paris Exposition, 1878; "Ticonderoga," special service with Admiral Schufeldt, 1878–81; Hydrographic Office, 1882; expedition for telegraphic determination of longitudes in Central and South America, 1883–4; "Quinnebaug," European Station, 1884–87; Bureau of Ordnance, 1887, to December, 1892; torpedo-boat "Cushing," December, 1892, to date.

Alexander Sharp, Jr.—Born in Missouri. Entered Naval Academy, June 18, 1870; graduated, June 21, 1875. Promoted *Ensign*, July 18, 1876; *Master*, April 8, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 15, 1889; "Marion," North Atlantic Station, 1875–7; training-ship "Constitution," 1877–9; "Pensacola," Pacific Station, 1880–5; Bureau of Navigation, 1885; Office of Naval Intelligence, 1885–7; "Galena," North Atlantic Station, 1887–90; Naval Academy, September, 1890, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to date.

Harry Hibbard Hosley.—Born in New Hampshire. Entered Naval Academy, September 22, 1871; graduated, June, 21, 1875. Promoted *Ensign*, July 17, 1875; *Master*, June 2, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 17, 1889; "Tennessee," Asiatic Station, 1875–7; "Ticonderoga," special service, 1879–81; N. A. Station, 1883–4; "Tennessee," N. A. Station, 1884–7; inspector of steel, new cruisers, 1887; Naval Academy, 1887–90; "Philadelphia," N. A. Station, July, 1890, to June, 1893; R. S. "Vermont," July, 1893, to date.

Frank Edmund Beatty.—Born in Wisconsin. Entered Naval Academy, Sept. 21, 1871; graduated, June 21, 1875. Promoted to *Ensign*, July 18,

1876; *Master*, June 19, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 23, 1889; "Lackawanna," Pacific Station, 1875–7; training-ship "Minnesota," 1877–8; Asiatic Station, 1878–81; "Despatch," special service, 1882–5; training-ship "Jamestown," 1885; training-ship "Portsmouth," 1885–8; Bureau of Navigation, 1888; Library of War Records Office, 1888, to April, 1892; "Miantonomah," N. A. Station, April, 1892, to date.

Moses Lindley Wood.—Born in Missouri. Entered Naval Academy, September 21, 1871; graduated, June 21, 1875. Promoted *Ensign*, July 18, 1876; *Master*, July 1, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 26, 1889; "Hartford," "Wyandotte," and "Pinta," N. A. Station, 1875–7; "Minnesota," February to May, 1878; torpedo instruction, in 1878; Coast Survey, 1878–82; "Swatara," N. A. Station, 1883; "Trenton," "Monocacy," and "Palos," Asiatic Station, 1883–6; Ordnance Instruction, January to April, 1887; Coast Survey Office, April, 1887, to January, 1890; "Alliance" and "Palos," Asiatic Station, 1890, to April, 1893; Naval Academy, from July, 1893, to date.

David Daniels.—Born in Massachusetts. Appointed from Massachusetts. Entered Naval Academy, June 5, 1871; graduated, June 21, 1875. Promoted *Ensign*, August 22, 1876; *Master*, November 17, 1882. Title changed, and commissioned *Lieutenant* (junior grade), March 3, 1883. Promoted *Lieutenant*, March 31, 1889; flag-ship "Tennessee," Asiatic Station, 1875–7; "Kearsarge," 1877–8; receiving-ships "Passaic" and "Wabash," 1878; "Ticonderoga," special service, 1878–81; receiving-ship "Wabash," 1881–2; Coast Survey, 1882–3; Branch Hydrographic Office, New York City, 1883–4; training-ship "Saratoga," 1884–7; Naval Academy, 1887–90; waiting orders, October, 1890, to March, 1891; "Lancaster," Asiatic Station, March, 1891, to date.

John Adams Shearman.—Born in New York. Entered Naval Academy, June 7, 1871; graduated, June 21, 1875. Promoted *Ensign*, September 8, 1876; *Master*, November 28, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, May 4, 1889; "Hartford," North Atlantic Station, 1875–7; R. S. "Passaic," 1877–9; "Pensacola," Pacific Station, 1880–5; Torpedo Station, 1885–7; "Nipsic," Pacific Station, 1887–90; waiting orders, December, 1890, to April, 1891; Inspector of Steel, April 1891, to Dec., 1893; Coast Survey steamer "Blake," Dec., 1893, to date.

Robert Morris Doyle.—Born in Tennessee. Appointed to Naval Academy, September 21, 1870. *Midshipman*, June 21, 1875; *Ensign*, September 9, 1876; *Master*, November 29, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, May 15, 1889; European Station, 1875–7; training-ship "Minnesota," 1877–9; "Vandalia," N. A. Station, 1879–81; Hydrographic Office, 1881–3; "Galena," N. A. Station, 1883–6; Naval Academy, 1886–9; "Baltimore," special service, 1890, to May, 1893; Naval Academy, July, 1893, to date.

Edward Dorsey Bostick.—Born in South Carolina. Entered Naval Academy, September 24, 1870; graduated, June 21, 1875. Promoted *Ensign*, September 21, 1876; *Master*, June 9, 1883; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, May 15, 1889; "Frolic," special service, 1875; "Hartford," N. A. Station, 1875–7; "Constitution," training-ship, 1877–9; Asiatic Station, 1879–82; Hydrographic Office, 1882–4; Artillery School, Ft. Monroe, 1884–5; "Adams," Pacific Station, 1885–9; Navy Yard, Washington, 1889–90; R. S. "Minnesota," July, 1890, to April, 1892; "Ranger," Pacific Station, April, 1892, to date.

George M. Stoney.—Born in South Carolina. Appointed from Alabama; graduated U. S. Naval Academy September, 1875. While a cadet at the Naval Academy received complimentary letters from the Hon. Secretary of the Navy, Superintendent Naval Academy and citizens of Anne Arundel Co., Maryland, for bravery, trying to save from drowning under the ice an official of Anne Arundel County. Promoted to *Ensign*, October 9, 1876; *Lieutenant* (junior grade), June 25, 1883; *Lieutenant*, June 27, 1889; "Swatara," N. A. Station, 1875–7; "New Hampshire," training-ship, Port Royal, S. C., 1887; "Alaska," Pacific Station, 1877–8; "Tuscarora," survey in Pacific, 1878–81; Arctic relief-ship "Rodgers," in search of the "Jeannette," 1881–2; "Ranger," surveying in the Pacific, 1882–3; special duty in Arctic, distributing presents given by Congress to the Esquimaux in Sebena; for their kindness to the officers and crew of the "Rodgers," who lived amongst them for eight months after the ship was burnt in the ice, 1883; discovered and named the Putnam River, Arctic Alaska, 1883, for which complimented by the Hon. Secretary of the Navy; commanding Arctic Exploring Expeditions 1884–86, for which received complimentary letter from Hon. Secretary of the Navy; special duty Navy Department, 1886–87; in charge Branch Hydrographic Office, San Francisco, Cal., 1887–9; U. S. Coast Survey Steamer "Hassler," 1889–90; Inspector of Steel, Pacific Rolling Mills, San Francisco, Cal., 1890; U. S. S. "Charleston," Pacific and China Station, 1890–3; Commandant's Aide, Mare Island, 1893, to date.

Frederick Wesley Coffin.—Born in New Hampshire. Entered Naval Academy, June 15, 1870; graduated, June 21, 1875. Promoted *Ensign*, December 24, 1876; *Lieutenant* (junior grade), July 21, 1883; *Lieutenant*, August 4, 1889; "Swatara," N. A. Station, 1875–7; "Adams," Pacific Station, 1877–80; Coast Survey, 1880–3; training-ship "Minnesota," 1883; "Trenton," Asiatic Station, 1883–6; inspector of steel, new cruisers, 1887–8; "Lancaster," European Station, 1888–9; inspector of steel, Thurlow, Pennsylvania, 1889–90; R. S. "Wabash," July 1890, to September, 1891; "Bennington," S. A. Station, September, 1891, to date.

Harry Marsh Hodges.—Born in Illinois. Entered Naval Academy, September 29, 1870; graduated, June 21, 1875. Promoted *Ensign*, July 11, 1877; *Lieutenant* (junior grade), August 23, 1883; *Lieutenant*, September 9, 1889; "Richmond," South Pacific Station, 1875–7; training-ship "Constellation," 1877–9; "Wyoming," Europe, 1879–81; "Enterprise," 1882–5; "Michigan," N. W. Lakes, 1886–7; Training-Squadron, 1887; "Quinnebaug," European Station, 1887–9; training-ship "Portsmouth," 1889, to November, 1892; "Chicago," European Station, November, 1892, to date.

William Banks Caperton.—Born in Tennessee. Entered Naval Academy, June 5, 1871; graduated, September 17, 1875. *Ensign*, August 3, 1877; *Lieutenant* (junior grade), October 13, 1883; *Lieutenant*, October 24, 1889; "Hartford," "Powhatan," and "Tennessee," N. A. Station, 1875–77; training-ship "Constellation," 1877–9; Coast Survey, 1880–84; "Ossipee" and "Trenton," Asiatic Station, 1884–6; inspector of steel, new cruisers, 1887 to Oct., 1891; "Vesuvius," N. A. Station, Oct., 1891, to date.

James Thorn Smith.—Appointed from North Carolina. Entered Naval Academy, June 5, 1871; graduated, June 21, 1875. Promoted to *Ensign*, November 21, 1877; *Lieutenant* (junior grade), November 16, 1883; "Hartford," North Atlantic Station, 1875–7; "Portsmouth," 1877–9; receiving-ship "New Hampshire," 1879–81; "Quinnebaug," European Station, 1881–4; Naval Academy, 1884–8; "Pinta" (at Alaska), 1888–90. Promoted *Lieutenant*, January 3, 1890; Naval Academy, November, 1890, to August, 1893; "Newark," S. A. Station, August, 1893, to date.

Ridgely Hunt.—Appointed from Louisiana. Naval Academy, September 21, 1870; graduated, June 21, 1875; *Ensign*, November 25, 1871; *Lieutenant* (junior grade), December 1, 1883; "Swatara," North Atlantic Station, 1875–7; "Alaska," Pacific Station, 1877–81; special duty, Navy Department, 1881–2; "Juniata," Asiatic Station, 1882–4; Hydrographic Office, 1884–6; special duty, 1886–7; "Boston," special duty, 1887–8; special duty, Marine Conference, 1889–90. Promoted *Lieutenant*, January 7, 1890; Office Naval Intelligence, November, 1890, to August, 1892; "Baltimore," special service, August, 1892, to May, 1893; Navy Yard, New York, June, 1893, to August, 1893; "San Francisco," S. A. Station, August, 1893, to date.

Henry Chalfant Gearing.—Appointed from Louisiana. Naval Academy, June 12, 1872; graduated, June 20, 1876; *Ensign*, November 25, 1877; *Lieutenant* (junior grade), December 11, 1883; "Pensacola," Pacific Station, 1876–77; "Tuscarora," Pacific Station, 1877–8; "Marion," Pacific Station, 1879–82; Naval Academy, 1883–6; "Essex," Asiatic Station, 1886–7; "Monocacy," Asiatic Station, 1887–9; Naval Academy, 1889 to July, 1893. Promoted *Lieutenant*, February 28, 1890; "Newark," S. A. Station, July, 1893, to date.

Templin Morris Potts.—Born in District Columbia. Entered Naval Academy, June 6, 1872; graduated, June 20, 1876; "Constitution," 1877; Washington, D. C., 1877. Promoted to *Ensign*, November 25, 1877; "Swatara," 1879; "Palos," 1879–82; special duty, Navy Department, 1883–5. Promoted *Lieutenant* (junior grade), February 9, 1884; steamer "Pensacola," 1885–7; Naval Academy, 1888–90. Promoted *Lieutenant*, February 28, 1890; "San Francisco," Pacific Station, December, 1890, to August, 1893; leave of absence, August, 1893, to date.

William Herschell Allen.—Born in New York. Entered Naval Academy, September 26, 1872; graduated, June 20, 1876; "Essex," 1876–9. Promoted *Ensign*, November 25, 1877; C. S. steamer "Endeavor," 1879–83; Naval Observatory, 1883–7. Promoted *Lieutenant* (junior grade), July 13, 1884; "Trenton," 1887–9; "New Hampshire," 1889; Library and War Records Office, 1889–90. Promoted *Lieutenant*, March 4, 1890; "Alert," Asiatic Squadron, October, 1890, to September, 1893; Naval Academy, October, 1893, to date.

Burns Tracy Walling.—Born in Ohio, February 4, 1855. Entered Naval Academy, June 5, 1872; graduated, *Midshipman*, June 20, 1876; "Vandalia," November, 1876, to January, 1879; examined and promoted *Ensign*, in April, 1879, dating from November 26, 1877; "Powhatan," June, 1879, to June, 1881; "Ranger," October, 1881, to September, 1884; R. S. "Vermont," February, 1885, to March, 1886 (one month detached to "Despatch"); C. S. schooner "Scoresby," April to August, 1886; "Essex," August, 1886, to June, 1887; "Brooklyn," June, 1887, to August, 1888; "Essex," August, 1888, to May, 1889; "Vermont," July, 1889, to December, 1889; Naval Academy, December, 1889, to December, 1892. Promoted *Lieutenant*, April, 1890; "Kearsarge," N. A. Station, Dec., 1892, to date.

Clifford Joseph Boush.—Born in Virginia, August 13, 1854. Entered Naval Academy, June 5, 1872; graduated as *Midshipman*, June 20, 1876. Commissioned *Ensign*, December 1, 1877; *Lieutenant* (junior grade), November 3, 1884; "Tennessee," Asiatic Station, 1876–8; receiving-ship "Franklin," 1878–9; "Trenton," European Station, 1880–1; gunnery training-ship "Minnesota," Torpedo School, and "Franklin," 1882; Fish Commission steamer "Albatross," 1883–5; Instructor Naval Academy,

1886–7; "Lancaster," S. A. Station, 1887, and in same ship on European Station, 1888–9; Bureau of Ordnance, September, 1889, to October, 1892. Promoted *Lieutenant*, July 31, 1890; "Yorktown," special service squadron, October, 1892, to date.

James Hamilton Sears.—Appointed from New York. Entered Naval Academy, September 20, 1871; graduated, June 20, 1876; *Ensign*, December 11, 1877; *Lieutenant* (junior grade), December 2, 1884; Asiatic Station, 1876–8; "Kearsarge," N. A. Station, 1879–80; Naval Academy, 1881; training-ship "Portsmouth," 1882–4; Naval Observatory, 1885; nautical school-ship "St. Mary's," 1886–8; steamer "Baltimore," 1889, to August, 1892. Promoted *Lieutenant*, September 20, 1890; War College, October, 1892, to November, 1893; leave of absence, November, 1893, to date.

Abraham Ellis Culver.—Appointed a *Cadet Midshipman*, June 6, 1872; graduated, June 20, 1876; "Trenton," European Station, 1877–8; "Marion," 1879. Promoted *Ensign*, December 14, 1877; "Powhatan," N. A. Station, 1879–82; Naval Academy, 1882–5, making cruise in "Constellation," summer of 1884. Promoted *Lieutenant* (junior grade), December 26, 1884–6, taking course at the Sarbonne, Paris; training-ship "Jamestown," September 1, 1886; March, 1888, to September, 1888, "Monongahela;" transferred to "Vandalia," January, 1889; was on board her at time of wreck; May 23, 1889, to September 5, 1889, "Iroquois;" January 10, 1890, Bureau of Ordnance. Promoted *Lieutenant*, October 15, 1890; April, 1893, ordered to "Baltimore," Asiatic Station, where he is at present date.

Henry Thomas Mayo.—Appointed from 3rd District Vermont by Hon. W. C. Smith. Admitted to Naval Academy, June 14, 1872; graduated, June 20, 1876. Promoted *Ensign*, February 26, 1878; *Lieutenant* (junior grade), February 25, 1885; *Lieutenant*, December 5, 1890. Served on Asiatic Station 1876–8, in "Kearsarge," "Monocacy," and "Tennessee;" on coast of Washington, in C. and G. Survey schooner "Earnest," 1879–82; on N. A. Station, in "Yantic," 1882–5; Naval Observatory, 1885–6; Coast of Washington, in C. and G. Survey schooner "Earnest," 1886–9; training-ship "Jamestown," 1889–92; B. H. O., at Port Townsend, Washington, from December 1, 1892, to date.

Charles Custis Rogers.—Born in Virginia. Entered Naval Academy, June 7, 1872; graduated, June 20, 1876; "Plymouth," 1876–7; "Monongahela," 1877–9. Promoted *Ensign*, April 26, 1878; "Vandalia," 1879–82; special duty, Bureau Navigation, 1882–3; Fogg School, Nashville, Tenn., 1884–6. Promoted *Lieutenant* (junior grade), June 2, 1885; "Swatara," 1886; "Galena," 1886; "Pensacola," 1888; "Yantic," 1889; Office Naval Intelligence, 1889 to April, 1892. Promoted to *Lieutenant*, January 27, 1891; leave of absence, April, 1892, to July, 1893; "Detroit," S. A. Station, July, 1893, to date.

John Thomas Newton.—Born in Florida. Entered Naval Academy, October 14, 1872; graduated, June 20, 1876; "Kearsarge," 1876–7; "Tennessee," 1877–8. Promoted to *Ensign*, May 9, 1878; R. S. "Franklin," 1879; "Trenton," 1879–80; "Wyoming," 1880–1; Torpedo Station, 1881–2; Coast Survey steamer "Endeavor," 1882; "Blake," 1882–3; "Yantic," 1883–5. Promoted to *Lieutenant* (junior grade), June 16, 1885; R. S. "Vermont," 1885–86; "Atlanta," 1886–7; inspector of steel, new cruisers, 1887–8; Office Naval Intelligence, 1888–90; "Essex," S. A. Station, April, 1890, to April, 1893. Promoted to *Lieutenant*, February 19, 1891; leave of absence, April, 1893, to July, 1893; training-ship "Richmond," July, 1893, to date.

Waldemar d'Arcy Rose.—Born in New Jersey. Entered Naval Academy, June 5, 1872; graduated, June 20, 1876; "Portsmouth," 1877–8. Promoted to *Ensign*, July 12, 1878; Coast S. S. "Hassler," 1879–82; "Pinta," 1882–3; "Alliance," 1883–6; Navy Yard, Mare Island, Cal, 1886; special duty, San Francisco, Cal., 1886; Recorder Board Inspection, San Francisco, 1887–9; "Yantic," (apprentice ship). November, 1889, to December, 1891. Promoted to *Lieutenant*, May 14, 1891; R. S. "Independence," December, 1891, to date.

Charles Fremont Pond.—Born in Connecticut. Entered Naval Academy, June 12, 1872; graduated, June 20, 1876; "Tuscarora," 1877–8. Promoted to *Ensign*, July 22, 1878; C. S. steamer "Hassler," 1879–83; Hydrographic Office, 1883–4; "Hartford," 1884; "Wachusett," 1884–5. Promoted *Lieutenant* (junior grade), October 2, 1885; Naval Department, Navy Yard, Mare Island, 1885; C. S. S. "Hassler," 1885; Naval Department, Navy Yard, Mare Island, 1886–7; "Ranger," 1887–90. Promoted to *Lieutenant*, May 19, 1891; Navy Yard, Mare Island, Dec., 1890, to date.

Walter McLean.—Born in New Jersey. Entered Naval Academy, June 6, 1872; graduated, June 20, 1876; New York, 1877. Promoted *Ensign*, October 23, 1878; "Monocacy," 1879–82; Experimental Battery, Annapolis, Md., 1883–4; C. S. steamer "Patterson," 1884–5. Promoted *Lieutenant* (junior grade), December 1, 1885; receiving-ship "Vermont," 1885–6; "Despatch," 1886–9; "Yantic," South Alantic Station, July, 1890, to March, 1893. Promoted to *Lieutenant*, May 20, 1891; leave of absence, May, 1893, to August, 1893; Coast Survey Office, August, 1893, to date.

Washington Irving Chambers.—Born in New York. Entered Naval Academy, June 5, 1871; graduated, June 20, 1876; "Pensacola," 1876; "Portsmouth," 1877. Promoted *Ensign*, November 30, 1878; "Marion," 1879–82; special duty, Bureau of Navigation, 1883–4; Greely Relief steamers "Thetis" and "Loch Garry," 1884; special survey of Nicaragua Canal, December, 1884, to June, 1885. Promoted *Lieutenant* (junior grade), December 31, 1885; Office Naval Intelligence, 1885–8; Navy Yard, New York, 1888–9; "Petrel," December, 1889, to July, 1891; "Atlanta," July, 1891, to November, 1892; War College, November, 1892, to November, 1893; leave of absence, November, 1893, to date.

James Clarkson Gillmore.—Born in Pennsylvania. Entered Naval Academy, September 20, 1871; graduated June 20, 1876; "Monongahela," 1877. Promoted *Ensign*, January 13, 1879; "Jamestown," 1879–81; "Iroquois," 1882–4; training-ship "Saratoga," 1885; Library, Navy Department, 1886. Promoted *Lieutenant* (junior grade), January 17, 1886; Torpedo Station, 1887; "Marion," 1887–90; Bureau of Equipment, July, 1890, to March, 1893. Promoted to *Lieutenant*, June 30, 1891; "Machias," N. A. Station, March, 1893, to date.

Benjamin Tappan.—Born in Louisiana. Entered Naval Academy, September 21, 1871; graduated, June 20, 1876; "Tennessee," 1877. Promoted *Ensign*, February 8, 1879; *Master*, 1879–81; R. S. "New Hampshire," 1882. Promoted *Lieutenant* (junior grade), January, 1886–7; Office Naval Intelligence, 1888 to February, 1891. Promoted to *Lieutenant*, August 2, 1891; "Miantonomah," N. A. Station, February, 1891, to date.

Charles Augustus Gove.—Born in New Hampshire. Entered Naval Academy, June 5, 1871, "at large;" graduated, June 20, 1876; "Pensacola," 1876–7; "Portsmouth," 1877–8; "Powhatan," 1878; "Plymouth," 1878; on the staff of Rear-Admiral Trenchard; "Wabash," 1878–9. Pro-

moted *Ensign*, March 29, 1879; "Wachusett," 1879; "Lackawanna," 1880–82; "Wabash," 1882; special duty, 1883; "Trenton," 1883–4; "Enterprise," 1884–5; "Trenton," 1885–6. Promoted *Lieutenant* (junior grade), March 4, 1886; Hydrographic Office, 1887; Branch Hydrographic Office, 1887; C. S. S. "McArthur," 1888; C. S. S. "Hassler," 1888–91; Naval Academy, 1891, to date. Promoted *Lieutenant*, August 4, 1891.

De Witt Coffman.—Born in Virginia. Entered Naval Academy, June 6, 1872; graduated, June 20, 1876; "Portsmouth," 1877. Promoted *Ensign*, June 10, 1879; "Trenton," 1879–81; R. S. "Colorado," 1881–2; Fish Commission, 1882; training-ship "New Hampshire," 1882; "Yantic," 1883–5. Promoted *Lieutenant* (junior grade), April 19, 1886; C. S. steamer "Patterson," 1886–7; Hydrographic Office, 1887–90; "Adams," Pacific Station, July, 1890, to July, 1893. Promoted to *Lieutenant*, September 27, 1891; Naval Academy, September, 1893, to date.

William Gangmere Hannum.—Born in Pennsylvania. Entered Naval Academy, September 23, 1872; graduated, June 20, 1876; "Essex," 1877. Promoted to *Ensign*, August 2, 1879; R. S. "St. Louis," 1879–81; C. S. S. "Endeavor," 1881; "Enterprise," 1881–3; "Monocacy," 1883; "Enterprise," 1884; R. S. "Franklin," 1885; R. S. "Vermont," 1885. Promoted to *Lieutenant* (junior grade), May 6, 1886; C. S. schooner "Palinurus," 1886; R. S. "New Hampshire," 1887; "Ranger," 1887; "Adams," 1888; "Mohican," 1888–90; waiting orders, December, 1890, to February, 1891; Inspector of Steel, February, 1891, to September, 1892. Promoted to *Lieutenant*, October 2, 1891; Navy Yard, New York, September, 1892, to Sept., 1893; "Adams," Pacific Station, Sept., 1893, to date.

Richard Henderson.—Born in North Carolina. Entered Naval Academy, September 25, 1872; graduated, June 20, 1876; "Essex," 1877; "Nipsic," 1879–82. Promoted *Ensign*, July 1, 1878; "Shenandoah," 1883–6. Promoted *Lieutenant* (junior grade), May 13, 1886; Torpedo Station, 1887; assistant to Light-House Inspector, 1888; Instructor Ordnance, Navy Yard, Washington, 1889–90; "Alliance," Asiatic Station, January, 1890, to April, 1893. Promoted to *Lieutenant*, November 5, 1891; leave of absence, April, 1893, to date.

Thomas Dillard Griffin.—Born in Virginia. Entered Naval Academy, September 20, 1872; graduated, June 20, 1876; "Essex," 1877–8. Promoted *Ensign*, November 1, 1879; "Nipsic," 1879–82; C. S. schooner "Palinurus," 1883; C. S. schooner "Eagre," 1883; C. S. steamer "Bache," 1884; C. S. schooner "Ready," 1884; C. S. S. "Blake," 1885–6. Promoted *Lieutenant* (junior grade), May 19, 1886; "Galena," 1886–9; Bureau of Navigation, 1889 to March, 1893. Promoted *Lieutenant*, November 20, 1891; "Charleston," Pacific Station, March, 1893, to date.

Henry Minett.—Born in Kentucky. Entered Naval Academy, June 8, 1872; graduated June 20, 1876; "Swatara," 1877–8. Promoted *Ensign*, November 1, 1870; "Jamestown," 1879–81; training-ship "New Hampshire," 1882; "Hartford," 1882–3; "Lackawanna," 1883–4; Torpedo Station, 1885–6. Promoted *Lieutenant* (junior grade), May 23, 1886; R. S. "Minnesota," 1886–7; "Omaha," 1888 to September, 1891; R. S. "Vermont," September, 1891, to date. Promoted *Lieutenant*, December 11, 1891.

Richard Thomas Mulligan.—Born in New York. Entered Naval Academy, June 5, 1871; graduated, June 20, 1876; "Powhatan," 1877–8. Promoted *Ensign*, January 2, 1880; "Trenton," 1879–81; Navy Yard, New York, 1881–2; "Tennessee," 1882–6. Promoted *Lieutenant* (junior grade), May 23, 1886; Signal Office, 1886–7; "Enterprise," 1887–90; "Despatch,"

special service, December, 1890, to November, 1891; Bureau of Navigation, December, 1891, to date. Promoted *Lieutenant*, December 16, 1891.

William Braunersreuther.—Born in Illinois. Entered Naval Academy, September 23, 1871; graduated, September 23, 1876; "Portsmouth," 1877–9; training-ship "Minnesota," 1879–80. Received thanks of Department and medal from American Humane Society for saving the life of a citizen in Thames River, April 1, 1880. Promoted *Ensign*, January 22, 1880; C. S. S. "McArthur," 1881; "Wyoming," 1882; commanding Naval Station, Port Royal, S. C., 1883–6; special duty, Port Royal, S. C., 1883–6. Promoted *Lieutenant* (junior grade), June 26, 1886; "Alliance," 1886–9; Linsly Institute, W. Va., 1889, to July, 1893. Promoted *Lieutenant*, January 10, 1892; "Thetis," special service, July, 1893, to date.

Francis Howland Sherman.—Born in Michigan. Entered Naval Academy, September 20, 1871; graduated, June 20, 1876; "Tennessee," 1876–79; "Passaic," 1879–80. Promoted *Ensign*, February 24, 1880; "Pensacola," 1880–2; C. S. schooner "Silliman," 1882–3; "Palinurus," 1883; "Eagre," 1884–5; commanded "Eagre," 1884–5. Promoted *Lieutenant* (junior grade), July 1, 1886; "Tallapoosa," 1886–9; "Kearsarge," 1889; in charge branch Hydrographic Office, Savannah, Ga., 1889, to August, 1892; "Monterey," Pacific Station, August, 1892, to date. Promoted to *Lieutenant*, April 3, 1892.

William Stetson Hogg.—Born in District of Columbia. Entered Naval Academy, September 24, 1872; graduated, June 20, 1876; "Vandalia," 1877–9; "Alarm," 1879. Promoted *Ensign*, March 10, 1880; R. S. "Colorado," 1881; "Jamestown," 1882–3; "Alarm," 1883–4; Naval Observatory, 1885; Fish Commission steamer "Albatross," 1886–7. Promoted *Lieutenant* (junior grade), August 5, 1886; "Marion," 1887–90; Navy Yard, League Island, August, 1890, to Dec., 1892; R. S. "St. Louis," December, 1892, to June, 1893. Promoted to *Lieutenant*, May 5, 1892; "Concord," Asiatic Station, June, 1893, to date.

William Freeland Fullam.—Born in New York State, 1855. Entered Naval Academy, September 24, 1873; graduated No. 1 in his class, June, 1877; "Marion" and "Trenton," European Station, 1877–79; final graduation, June, 1879; *Midshipman*, 1879–80; "Swatara," China Station, 1879–82. Promoted *Ensign*, March 13, 1880; Naval Academy, Department of Applied Mathematics, and in charge Battalion of Infantry, 1883–87; practice-ship "Dale," 1883–4; practice-ship "Constellation," 1886. Promoted *Lieutenant* (junior grade), October 7, 1886; "Boston," 1887–9; "Vesuvius," 1889; "Yorktown," Squadron of Evolution, 1889–90; "Chicago," Squadron of Evolution, 1890; Naval Academy, Department of Ordnance and Gunnery, and in charge Battalion of Infantry, 1891–4. Promoted *Lieutenant*, May 28, 1892.

Horace Mark Witzel.—Born in Wisconsin. Entered Naval Academy, June 5, 1873; graduated, June 18, 1879; "Hartford," 1877–9; "Tennessee," 1879–82. Promoted *Ensign*, March 18, 1880; C. S. S. "Bache," 1882; C. S. S. "Gedney," 1883; special duty, Smithsonian Institution, 1883–5; "Vandalia," 1886–9. Promoted *Lieutenant* (junior grade), November 9, 1886; Hydrographic Office, 1889 to June, 1892 Promoted to *Lieutenant*, May 29, 1892. Training-ship "Portsmouth," June, 1892, to date.

Albert Gustavus Winterhalter.—Appointed from Michigan. Entered Naval Academy, September 24, 1873; graduated, June 18, 1879; *Ensign*, July 11, 1880; *Lieutenant* (junior grade), December 14, 1886; "Swatara," N. A. Station, 1878; "Powhatan," N. A. Station, 1878; training-

ship "Jamestown," 1882–3; Naval Observatory, 1884–8; "Yorktown," Squadron of Evolution, 1889, to October, 1892; leave of absence, November, 1892, to January, 1893. Promoted to *Lieutenant*, June 30, 1892; Naval Observatory, January, 1893, to December, 1893; Bureau of Equipment, December, 1893, to date.

John Madison Orchard.—Appointed from Missouri. Entered Naval Academy, June 11, 1873; graduated, June 18, 1879; *Ensign*, July 11, 1880; *Lieutenant* (junior grade), January 26, 1887; training-ship "Constitution," 1878; "Tennessee," N. A. Station, 1879–81; C. S. steamer, "Bache," 1882–84; "Yantic," N. A. Station, 1885–7; Naval Academy, 1887, to August, 1891. Promoted to *Lieutenant*, July 1, 1892. "Petrel," Asiatic Station, August, 1891, to date.

John Newell Jordan.—Born in Maine. Entered Naval Academy, June 5, 1873; graduated, June 18, 1879; "Tennessee," 1879–81. Promoted *Ensign*, October 11, 1880; C. S. schooner "Earnest," 1881–3; C. S. steamer "McArthur," 1884; C. S. schooner "Earnest," 1885; "Tallapoosa," 1886–7. Promoted *Lieutenant* (junior grade), March 1, 1887; "Kearsarge," 1888; C. S. schooner "Earnest," 1889, to October, 1891. Promoted to *Lieutenant*, July 1, 1892. Inspector of Steel, October, 1891, to date.

Augustus Francis Fechteler.—Born in Prussia. Entered Naval Academy, June 5, 1873; graduated, June 18, 1879; "Shenandoah," 1879–82. Promoted *Ensign*, November 23, 1880; C. S. schooner "Drift," 1882–3; commanding C. S. schooner "Ready," 1884; Executive Officer, C. S. steamer "Blake," 1885; training-ship "Jamestown," 1885; "Essex," 1886–8 Promoted *Lieutenant* (junior grade), March 6, 1887; Bureau of Navigation, 1889–90; Office of Naval Intelligence, November, 1890, to February, 1892. Promoted to *Lieutenant*, July 21, 1892; Fish Commission steamer "Albatross," February, 1892, to date.

Thomas Mason Brumby.—Born in Georgia. Entered Naval Academy, September 25, 1873; graduated, June 18, 1879; "Tennessee," 1879–81. Promoted *Ensign*, November 26, 1880; receiving-ship "Franklin," 1881; "Jamestown," 1882; C. S. S. "Gedney," 1882–5; "Vandalia," 1886–9. Promoted *Lieutenant* (junior grade), April 21, 1887; R. S. "Vermont," December, 1890, to April, 1891; school-ship "St. Mary's," April, 1891, to January, 1893. Promoted to *Lieutenant*, August 24, 1892; waiting orders, Jan., 1893, to Aug., 1893; "New York," S. A. Station, Aug., 1893, to date.

Edward Everett Wright.—Born in Massachusetts. Entered Naval Academy, September 20, 1873; graduated, June 18, 1879; "Swatara," 1879–82. Promoted *Ensign*, January 1, 1881; training-ship "New Hampshire," 1883–4; C. S. S. "Palinurus," 1885; C. S. S. "Bache," 1885–7. Promoted *Lieutenant* (junior grade), May 21, 1887; training-ship "Saratoga," 1887; "Swatara," 1887; "Yantic," 1887–90; Navy Yard, Boston, August, 1890, to July, 1893. Promoted to *Lieutenant*, December 4, 1892; "Newark," S. A. Station, July, 1893 to date.

Albert Gleaves.—Born in Tennessee, January 1, 1858. Appointed from State at large, June 13, 1873, as *Cadet Midshipman;* was graduated from Naval Academy, June 20, 1877; ordered to U. S. S. "Hartford," flagship South Atlantic Squadron, August 23, 1877; detached from "Hartford" at Rio de Janeiro, October, 6, 1878, and permitted to return to U. S, on leave until March, 1879; U. S. S. "Plymouth," North Atlantic Squadron, March to May, 1879. Appointed *Midshipman*, July, 1879; October, 1879, to February, 1883, U. S. S. "Nipsic," European Squadron. Commissioned *Ensign*, January 1, 1881; from September, 1883, to May, 1884, U. S. S.

"Trenton," *en route* to Asiatic Station; May, 1884, to May, 1886, U. S. S. "Monocacy," coast of China; May to September, 1886. U. S. S. "Trenton," *en route* to U. S.; November, 1886, to February, 1887, ordnance duty, Washington Navy Yard; February, 1887, to October, 1889, Naval Ordnance proving ground; U. S. despatch vessel "Dolphin," coast of Hayti, November, 1889, to May, 1891. Commissioned *Lieutenant* (junior grade), May 26, 1887; "Boston," Pacific Station, May, 1891, to December, 1892. Promoted to *Lieutenant*, January 9, 1893; Navy Yard, Washington, March, 1893, to date.

James Philips Parker.—Born in North Carolina, September 25, 1855. Entered Naval Academy, June 5, 1873; graduated, June, 1877; served on board flag-ship "Hartford," South Atlantic, 1877–9, graduating finally in 1879; served on U. S. S. "Swatara," Asiatic Station, 1879–82. Promoted *Ensign*, January 10, 1881; surveying duty, Atlantic Coast, on C. S. S. "Endeavor," 1883; on C. S. S. "Bache," 1883–4, and on U. S. S. "Ranger," Pacific Coast, 1884–7. Promoted *Lieutenant* (junior grade), June 30, 1887; in charge Branch Hydrographic Office, Baltimore, 1887–90; "Alert," Behring Sea and Asiatic Station, October, 1890, to October, 1893. Promoted to *Lieutenant*, January 25, 1893; Naval Academy, October, 1893, to date.

Benjamin Ward Hodges.—Born in Mississippi. Entered Naval Academy, September 23, 1873; graduated, June 18, 1879; "Swatara," 1879–82. Promoted *Ensign*, February 24, 1881; "New Hampshire," 1883; "Ossipee," 1884–7. Promoted *Lieutenant* (junior grade), June 30, 1887; Naval Observatory, 1887–90; "Pinta," special service, October, 1890, to October, 1892; R. S. "Dale," November, 1892, to date. Promoted to *Lieutenant*, February 7, 1894.

Herbert Omar Dunn.—Born in Wesley, R. I. Entered Naval Academy, June 6, 1873, as *Cadet-Midshipman;* graduated, June 18, 1879, as *Midshipman;* from 1877–79, the part of the academic course at sea was on the "Hartford," in the South Atlantic; from 1879–81, on the "Minnesota," North Atlantic. Promoted to *Ensign*, March 12, 1881, and spent six months on leave in Paris, studying the language; "Iroquois," in 1882, North and South Pacific; "Essex," 1882, and "Palos," 1882–5, on the China Station; "Juniata," 1885–6, returning home by way of Africa; while on the "Palos," held the positions of Executive-Officer and Navigator, also Acting Chief Engineer; Bureau of Equipment and Recruiting, 1886–9, as assistant to Chief of Bureau. Promoted to *Lieutenant* (junior grade), July 1, 1887; invented the new cast-steel patent anchor known as the "Dunn Anchor," in 1889, now used in the service; Torpedo School, 1889; "Baltimore," 1889 to August, 1892; charge Branch Hydrographic Office, Baltimore, December, 1892, to date, Promoted to *Lieutenant*, February 17, 1893.

Arthur Wright Dodd.—Born in Indiana. Entered Naval Academy, June 6, 1873; graduated, June 18, 1879; "Constitution," 1879–80. Promoted *Ensign*, March 29, 1881; R. S. "Passaic," 1881; "Ranger," 1881–4; C. S. S. "Eagre," 1885; C. S. S. "Bache," 1885; C. S. S. "Gedney," 1886–87. Promoted *Lieutenant* (junior grade), August 25, 1887; inspector steel, new cruisers, 1887; "Tallapoosa," 1888 to January, 1892; training ship "Richmond," April, 1892, to date. Promoted to *Lieutenant*, February 25, 1893.

George William Denfeld.—Born in Massachusetts. Entered Naval Academy, September 22, 1873; graduated, June 18, 1873; "Minnesota," 1879–81. Promoted *Ensign*, April 22, 1881; "Iroquois," 1882; "Pensacola" 1882; "Richmond," 1883; "Alert," 1883; "Enterprise," 1885; Torpedo Station, 1886–7. Promoted *Lieutenant* (junior grade), September 4, 1887;

Bureau Navigation, 1887–9; "Charleston," 1889; "Thetis," special service, January, 1890, to April, 1892; Electric-Light duty, April, 1892, to May, 1893; Assistant Inspector Electric Lighting, May, 1893, to date. Promoted to *Lieutenant*, April 27, 1893.

Albert Weston Grant.—Born in Maine. Entered Naval Academy, June 9, 1873, and graduated June 20, 1877; "Pensacola" and "Lackawanna," 1877–9; graduated, after two years at sea, *Midshipman*, June 18, 1879; "Alliance," 1880; "Passaic" and "Speedwell," 1881–2. Promoted to *Ensign*, May 17, 1881; "Iroquois," 1882–5; Navy Yard, Norfolk, 1885–7; Torpedo Station and War College, 1886. Promoted *Lieutenant* (junior grade), November 1, 1887; "Trenton," 1887–8; "Saratoga," 1888; special electric light duty, Norfolk, Philadelphia, and San Francisco, 1888–90; electric lighting of vessels, Dec., 1890, to Feb., 1891; "San Francisco," N. A. Station, Feb., 1891, to date. Promoted to *Lieutenant*, May 9, 1893.

Philip Van Horne Lansdale.—Born in District of Columbia, February 15, 1858. Entered Naval Academy, June 6, 1873. Finished course at Naval Academy, June, 1877; "Plymouth," 1877; "Constellation," 1878; "Powhatan," 1879; graduated, June 18, 1879; "Swatara," 1879–82. Promoted *Ensign*, June 1, 1881; ordnance duty, Navy Yard, Washington, 1882; Torpedo Station, 1883; "Galena," 1883; "Ossipee," 1884–7; inspector steel, new cruisers, 1887–90. Promoted *Lieutenant* (junior grade), March 31, 1888; "Philadelphia," N. A. Station, July, 1890, to June, 1893; leave of absence, June, 1893, to September 5, 1893; in charge of Caravels, World's Fair, September, 1893, to December, 1893; Naval Intelligence, December, 1893, to date. Promoted to *Lieutenant*, May 15, 1893.

Horace Wellford Harrison.—Born in Massachusetts. Entered Naval Academy, September 26, 1872; "Marion," 1877–8; "Trenton," 1878–9; "Alliance," 1879–81. Promoted *Ensign*, June 11, 1881; Hydrographic Office, 1881–2; "Nipsic," 1883–5; Hydrographic Office, 1886–7; C. S. schooner "Eagre," 1887; "Vermont," 1887–8; Inspector of Steel, new cruisers, 1888–9. Promoted *Lieutenant* (junior grade), May 22, 1888; "Iroquois," 1889–92; leave of absence, May, 1892, to Jan., 1893; Hydrographic Office, Jan., 1893, to date. Promoted to *Lieutenant*, June 10, 1893.

Valentine Sevier Nelson.—Born in Tennessee. Entered Naval Academy, June 6, 1873; graduated, June 18, 1879. Promoted *Ensign*, December 14, 1880; "Galena," 1880–3; Naval Observatory, 1883; "Ossipee," 1884–7. Promoted *Lieutenant* (junior grade), May 21, 1887; Naval Ordnance, proving ground, 1887–90; "Charleston," Special Service Squadron, September, 1890, to June, 1893. Promoted to *Lieutenant*, November 18, 1892; waiting orders, November, 1893, to date.

William Shepherd Benson.—Native of and appointed from Georgia. Left the United States Naval Academy, June, 1877, and ordered to the "Hartford" (flag-ship), S. A. Station, in August of same year; remained attached to her at S. A. Station until January 1, 1879, when ordered to the "Essex" at same station; detached from the "Essex" in May, 1879, and ordered home *via* England for final examination; ordered to the "Constitution," at Norfolk, in October, 1879; she was then detailed as a training-ship, and making her last cruise; detached from the "Constitution," in July, 1881, and ordered to duty at the Brooklyn Yard. Was promoted *Ensign*, July 27, 1881; detached from Brooklyn Yard, January, 1882, and ordered to "Alliance" on Home Station; transferred to the "Yantic," Home Station, in May, 1882, and remained attached to her till September, 1884; made the cruise in the "Yantic" to Littleton Island, in the summer of 1883, as convoy

to the Greely relief-steamer "Proteus;" was on duty under the Naval Advisory Board at South Boston until March, 1885, when detached and ordered to the Branch Hydrographic Office at Baltimore, Md.; detached from this duty in January, 1886, and ordered to the Fish Commission steamer "Albatross;" remained on this duty until latter part of November, 1887; in January, 1888, ordered to the "Dolphin" at New York, and made the cruise around the world in her; Naval Academy, September, 1890, to October, 1893; Navy Yard, Washington, October, 1893, to date. Promoted to *Lieutenant*, June 27, 1893; Coast Survey, January 2, 1894.

William Venable Bronaugh.—Born in Kentucky. Entered Naval Academy, June 5, 1873; graduated, June 18, 1879; "Tennessee," 1880; "Alaska," 1885. Promoted *Ensign*, August 30, 1881; C. S. S. "McArthur," 1881; C. S. S. "Blake," 1882; C. S. S. "Hassler," 1882–4; "Portsmouth," 1885–8. Promoted *Lieutenant* (junior grade), 1888; inspector steel, new cruisers, 1888, to December, 1891; "Alliance," Pacific Station, January, 1892, to date. Promoted to *Lieutenant*, June 27, 1893.

Frank Matteson Bostwick.—Born in Wisconsin. Entered Naval Academy, September 26, 1873; graduated, June 18, 1879; "Lackawanna," 1880–1. Promoted *Ensign*, August 30, 1881; C. S. S. "McArthur," 1881; C. S. S. "Hassler," 1881–5; Asiatic Station, 1886; "Palos," 1886–9. Promoted *Lieutenant* (junior grade), June 10, 1888; R. S. "Independence," March, 1890, to September, 1892; "Thetis," special service, September, 1892, to date. Promoted *Lieutenant*, June 27, 1893.

James Harrison Oliver.—Born in Georgia. Entered Naval Academy, June 12, 1873; graduated, June 18, 1879; "Swatara," 1879–81; "Ashuelot," 1881–3. Promoted *Ensign*, October 1, 1881; Artillery School, Fortress Monroe, 1883; "Lackawanna," 1884; "Shenandoah," 1884–6; "Mohican," 1886; C. S. S. "McArthur," 1887; C. S. S. "Patterson," 1887–9. Promoted *Lieutenant* (junior grade), September 28, 1888; "Kearsarge," 1889 to December, 1892; leave of absence, December, 1892, to February, 1893; Inspector of Ordnance, Providence, February, 1893, to date. Promoted to *Lieutenant*, July 4, 1893.

Nich. J. Lane Trowbridge Halpine.—Born in New York. Entered Naval Academy, June 9, 1871; graduated, *Cadet Midshipman*, June 10, 1877; "Alliance," 1877–9. Promoted *Midshipman*, June 18, 1879; Relief Expedition, 1880. Promoted *Ensign*, October 1, 1880; R. S. "Passaic," 1880–81; "Enterprise," 1882; "Palos," 1883–4; "Essex," 1884–5; Hydrographic Office, 1885–7; C. S. S. "Eagre," 1887; C. S. S. "Blake," 1887–8. Promoted *Lieutenant* (junior grade), October 31, 1888; "Tallapoosa," 1889, to January, 1892; R. S. "Wabash," May, 1892, to date. Promoted to *Lieutenant*, July 4, 1893.

Harry Mason Dombaugh.—Born in Ohio. Entered Naval Academy, June 6, 1872; graduated, June 18, 1879; Irish relief cruise "Constellation," 1880; "Alaska," 1881–3. Promoted *Ensign*, October 12, 1881; "Pinta," 1883–6; "Fortune," 1887–8; "New Hampshire," 1888. Promoted *Lieutenant* (junior grade), January 15, 1889; Superintendent of Gun-Cotton Factory, Torpedo Station, 1889–90; "Vesuvius," N. A. Station, June, 1890, to July, 1893; leave of absence, July, 1893, to October, 1893; Assistant Inspector of Ordnance, October, 1893, to date. Promoted *Lieutenant*, July 4, 1893.

Alfred Lovell Hall.—Born in Ohio. Entered Naval Academy, September, 26, 1872; graduated, June 18, 1879; "Alaska," 1881–3. Promoted *Ensign*, October 28, 1881; C. S. steamer "Gedney," 1883; C. S. steamer

"Endeavor," 1883; C. S. steamer "Gedney," 1884–5; "Juniata," 1885–6; "Tallapoosa," 1886; "Kearsarge," 1886–8; commanding C. S. steamer "Endeavor," 1889–90. Promoted *Lieutenant* (junior grade), February 12, 1889; R. S. "Franklin," December, 1890, to January, 1893; "Monocacy," Asiatic Station, January, 1893, to date. Promoted to *Lieutenant*, July 22, 1893.

Percival Julius Werlich.—Born in Wisconsin. Entered Naval Academy, June 6, 1873; graduated, June 18, 1879; "Alliance," 1880–3. Promoted *Ensign*, November 6, 1881; receiving-ship "Colorado," 1883; C. S. steamer "Blake," 1884–5; Library Navy Department, 1885–6; "Enterprise," 1887–90. Promoted *Lieutenant* (junior grade), February 19, 1889; inspector of steel, July, 1890, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to date. Promoted to *Lieutenant*, September 15, 1893.

Simon Cook.—Born in Illinois. Entered Naval Academy, June 6, 1873; graduated, June 18, 1879; "Constitution," 1880; R. S. "Franklin," 1881. Promoted *Ensign*, November 15, 1881; "Iroquois," 1882–5; C. S. S. "McArthur," 1885–6; Torpedo Station, 1887; "Omaha," 1888, to June, 1891. Promoted *Lieutenant* (junior grade), March 15, 1889. Charge Branch Hydrographic Office, Norfolk, Va., October, 1891, to date. Promoted to *Lieutenant*, September 27, 1893.

Thomas Slidell Rodgers.—Born in New York. Entered Naval Academy, September 24, 1874; graduated, June 4, 1880; "Galena," 1880. Promoted *Ensign*, December 1, 1881; "Lancaster," 1880–3; "Juniata," 1886–9; Inspector Ordnance Department, Navy Yard, Washington, 1889, to June, 1892. Promoted *Lieutenant* (junior grade), March 26, 1889; "Chicago," N. A. Station, June, 1892, to date. Promoted to *Lieutenant*, October 1, 1893.

John Gardner Quinby.—Born in New York. Entered Naval Academy, June 12, 1884; graduated, June 4, 1880; "Minnesota," 1880; "Lancaster," 1881–4. Promoted *Ensign*, February, 1882; Naval Academy, 1884; "Constellation," 1885; Naval Academy, 1885–6; training-ship "Jamestown," 1886; "Constellation," 1886; Naval Academy, 1887–9. Promoted *Lieutenant* (junior grade), March 26, 1889; Navy Yard, Norfolk, 1889–90; R. S. "Franklin," July, 1890, to March, 1891; "Lancaster," Asiatic Station, March, 1891, to date. Promoted to *Lieutenant*, November 5, 1893.

James Henry Glennon.—Entered Naval Academy, September 24, 1874; "Constellation," 1875 and 1877; "Lackawanna," 1878; "Alaska," 1879–80; "Pensacola," 1880; final graduation, June 4, 1880; "Ranger," 1881–5; last year in charge of main triangulation; Naval Academy, 1885–87, as Instructor in Department of Ordnance and Gunnery; "Constellation," 1887, as Instructor to Cadets, in Navigation, afterwards Navigator; Naval Academy, 1887–9; in command of Artillery Battalion, Naval Academy, 1887 and 1888; author of two works on gunnery for cadets, Naval Academy. Promoted to *Lieutenant* (junior grade), March 26, 1889; Mare Island, 1889–90, in connection with electric-light plant of "Charleston;" attached to "Charleston," Pacific Station, 1890, to March, 1893; Naval Academy, April 1893, to date. Promoted to *Lieutenant*, December 26, 1893.

William Rees Rush.—Born in Pennnsylvania. Entered Naval Academy, June 6, 1872; graduated, June 18, 1879; "Constitution," 1880; "Passaic," 1881. Promoted to *Ensign*, October 15, 1881; "Ranger," 1881–6; ordnance duty, Navy Yard, Washington, 1887; Hydrographic Office, 1888; "Boston," Squadron of Evolution, 1889–90. Promoted to *Lieutenant* (jun-

ior grade), February 11, 1889; "Boston," Pacific Station, July, 1891, to December, 1893; leave of absence, December, 1893, to date. Promoted to *Lieutenant*, December 6, 1893.

Harry Shepard Knapp.—Born in New Britain, Conn., June 27, 1856. Entered Naval Academy, June 26, 1874, from First District, Conn., Gen. Hawley, representative; graduated from Naval Academy, June, 1878; finally graduated and appointed *Midshipman*, June 4, 1880. Promoted *Ensign*, from February 16, 1882. Promoted *Lieutenant* (junior grade), from March 31, 1889. Promoted *Lieutenant*, from January 23, 1894. From October 1, 1878, to March 12, 1880, attached to flag-ship "Pensacola," on Pacific Station; from July 28, 1880, to January 9, 1882, attached to training-ship "Minnesota;" attached to "Jamestown," from February 1, 1882, to July 6, 1882, during her cruise from San Francisco to Newport, *via* Cape Horn; from July 13, 1882, to November 30, 1883, attached to Coast and Gulf Survey steamer "Blake;" from December 1, 1883, to June 7, 1884, on special duty at Smithsonian Institution; from June 10, 1884, to September 1, 1888, on duty at the Naval Academy, as Instructor in Department Physics and Chemistry; from September 4, 1888, to November 21, 1888, on duty at Boston Branch Hydrographic Office; "Atlanta," November 24, 1888, to August, 1891; Naval Academy, as Instructor in Department of Applied Mathematics, August, 1891, to date.

LIEUTENANTS ON THE RETIRED LIST.

Retired from incapacity resulting from long and faithful service.

Henry R. Baker.—*Acting Ensign*, August 11, 1862; *Acting Master* July 6, 1864; transferred to regular service, and retired as *Lieutenant*, December 6, 1876.

James A. Chesley.—Born in New Hampshire. Entered the Volunteer Navy, in October, 1861, and served during the Rebellion. In 1868 was an *Ensign* in regular service; *Master*, December, 1868. Commissioned as *Lieutenant*, March 21, 1870; receiving-ship "New York," 1869–70; "Ajax," (iron-clad), North Atlantic Fleet, 1871; receiving-ship "New York," 1872; "Juniata" (third-rate), North Atlantic Fleet, 1873; "Kansas" (third-rate), North Atlantic Fleet, 1874; commanding "Manhattan" (iron-clad), North Atlantic Fleet, 1875–8; commanding "Mahopac," 1879–83; commanding "Ajax," and monitors, 1883. Retired, January 22, 1884.

William Watts.—Born in New York. Entered Naval Academy, April 10, 1862; graduated, 1866; "Iroquois," Asiatic Station, 1866–9. Promoted to *Ensign*, April, 1868; practice-ship "Macedonian," 1869. Promoted to *Master*, March 26, 1869; "Congress" (second-rate), North Atlantic Fleet, 1870–1. Commissioned as *Lieutenant*, March 21, 1870; torpedo service, 1872–3; "Brooklyn," flag-ship, South Atlantic Fleet, 1874–5; "Monongahela," South Atlantic Station, 1876; ordnance duty, New York Navy Yard, 1877–8; "Alert," 1879–80. Retired, January 31, 1883.

William McC. Little.—Born in New York. Entered Naval Academy, March 11, 1863; graduated, 1866; North Atlantic Station, 1867. Promoted to *Ensign*, April, 1868; "Franklin," flag-ship, European Fleet, 1868–71. Promoted to *Master*, March 26, 1869. Commissioned as *Lieutenant*, March 21, 1870; leave in Europe, 1876; torpedo duty, 1873; "Swatara," North Atlantic Squadron, 1874–7; ordnance duty, Navy Yard, New York, 1878;

"Minnesota," 1878–80; "New Hampshire," 1881; "Adams," 1882; "Minnesota," 1883. Retired, May 16, 1884.

Charles H. Judd.—Born in New York. Entered Naval Academy, September 23, 1863; graduated, 1866; "Ossipee," North Pacific Fleet, 1867–9. Promoted to *Ensign*, April, 1868; and to *Master*, March 26, 1869; "Miantonomah," special service, Europe, 1869–70. Commissioned as *Lieutenant*, March 21, 1870; "Michigan" (fourth-rate), 1871; "Nipsic," North Atlantic Squadron, 1872; R. S. "Vermont," 1873–4; "Plymouth," North Atlantic Station, 1875–8; Hydrographic Office, 1875–81; "Alaska," 1881–3; torpedo station, 1883; "Galena," 1883–5. Retired, Dec. 18, 1885.

Douglas Roben.—Born May 4, 1847, in Ohio. Appointed from Ohio; entered Naval Academy as *Midshipman*, September 23, 1862; distinguished for proficiency in mathematical studies; was graduated, June 12, 1866; ordered to the "Ossipee," October, 1866, then at Philadelphia; made a two years' cruise in the Pacific *via* Straight of Magellan. Was commissioned as *Ensign*, in March, 1868; served a short time on the "Cyane," while in the Pacific. Commissioned as *Master*, March 26, 1869; in 1869 was assigned to the "Supply," at Boston, as Navigator, being then only twenty-two years of age; made a cruise to the Mediterranean in that vessel on the occasion of establishing the present naval store-house at Villafranche; on return to the United States, was ordered to join the "Severn," but a serious difficulty having developed itself in his eyes, as a result of exposure on duty, requested duty on shore; was ordered to Naval Station, Mound City, Ills., as Executive-Officer; ordered in 1871 to the "Shawmut," going to South Atlantic; while in West Indies, the trouble in his eyes became aggravated and he was granted sick leave; in November, 1872, was placed on retired list for disability incurred in the line of duty.

Frank Turnbull.—Born in District of Columbia. Appointed from New Mexico; Naval Academy, September 20, 1861. Commissioned as *Ensign*, 1866; *Master*, 1869; Naval Observatory, 1869–70; *Lieutenant*, June 21, 1870; "Brooklyn," European Station, 1870–2; leave of absence in Europe, 1876–7; retired July 10, 1877.

Richard Mason Lisle.—Born in Pennsylvania. Entered the Naval Academy, September 25, 1862; graduated, 1866; "Yantic," N. A. Station, 1866; "Rhode Island," N. A. Station, 1866; "Susquehanna," N. A. Station, 1866–7; "Guerriere," flag-ship, S. A. Squadron, 1867–8. Promoted to *Ensign*, April, 1868; "Wasp," S. A. Station, 1868-9. Promoted to *Master*, March 26, 1869; "Terror" (iron-clad), N. A. Station, 1869–70. Commissioned as *Lieutenant*, March 21, 1870; Navy Yard, Philadelphia, 1871; Torpedo Station, 1871–2; "Lackawanna," Asiatic Station, 1872–3; "Hartford," flag-ship, Asiatic Station, 1873–5; Navy Yard, League Island, 1876; "Alliance," European Station, 1877–9; Navy Yard, League Island, 1880–3. Retired, January 24, 1883.

Charles P. Shaw.—Born in Virginia. Entered Naval Academy, September 25, 1863; graduated, 1867; "Franklin," flag-ship, European Fleet, 1867–9. Promoted to *Ensign*, 1868; "Portsmouth," S. A. Fleet, 1869–71. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; "Pensacola," flag-ship, South Pacific Station, 1873–6; "Hartford," flag-ship, North Atlantic Station, 1876–8; Hydrographic Office, 1879–80. Retired, June 4, 1883.

John Thomas Sullivan.—Born in New York. Entered Naval Academy, October, 1862; graduated, 1867; "Quinnebaug," July, 1867, to September, 1868; flag-ship, "Guerriere," S. A. Station, September, 1868, to May,

1869. Promoted to *Ensign*, December 18, 1868; "Quinnebaug," May, 1869, to July, 1870. Promoted *Master*, March 21, 1870; R. S. "Vermont," August and September, 1870; duty on staff of Admiral S. H. Stringham, October to November, 1870; "Guard," Darien Expedition, November, 1870, to July, 1871. Promoted to *Lieutenant* March 21, 1871; "Wyoming," West Indies, October, 1871, to October, 1872; duty on Darien Expedition, Dec., 1872, to May, 1873; flag-ship "Frolic," August, 1873, to January, 1874; "Ticonderoga," January 10, 1874, to February 22, 1874; February 22, 1874, ordered to escort a commission of civil engineers over the Napipi Inter-oceanic Canal route; "Roanoke," May, 1874, to December, 1874; Darien Expedition, December, 1874, to May, 1875; ordnance duty, Navy Yard, New York, July, 1875, to September, 1876; "Essex," West Indies, September, 1876, to April, 1877; special duty, Bureau of Navigation, December, 1879, to November, 1882; commanding Coast Survey steamer, "Endeavor," November 1882, to April, 1884; sick leave, July, 1884, to December, 1884; "Minnesota," December, 1884, to October, 1885; "Brooklyn," October, 1885; sick leave, November, 1885, to April, 1886. Retired May 12, 1886.

John William Hagenman.—Born in Pennsylvania. Entered Naval Academy, July 21, 1863; graduated, 1867; "Susquehanna," North Atlantic Station, 1867–8. Promoted to *Ensign*, 1868; "Portsmouth," South Atlantic Fleet, 1869–71. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; Coast Survey, 1872–5; "Marion," European Fleet, 1876–8; "Marion," 1878; ordnance duty, Navy Yard, League Island, 1879–80; nautical school-ship "St. Mary's," 1880–3; "Marion," 1885–8. Retired, May 3, 1889.

Edwin Samuel Jacob.—Born in Virginia. Entered Naval Academy, October 14, 1862; graduated, 1867; Asiatic Station, 1867–70. Promoted to *Ensign*, 1868; to *Master*, 1870. Commissioned as *Lieutenant*, 1871; Coast Survey, 1871–4; "Powhatan," special service, North Atlantic Station, 1875–77; Hydrographic Office, 1877–8; "Marion," South Atlantic Squadron, 1879–82; Hydrographic Office, 1883–4 Retired, January 7, 1885.

William Little.—Born in Ohio. Entered Naval Academy, September 29, 1863; graduated, 1867; "Minnesota," special cruise, 1867–8. Promoted to *Ensign*, 1868; "Dictator" (iron-clad), North Atlantic Fleet, 1869–70. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1871; "Narragansett," special survey on Pacific, 1871–3; receiving-ship "Potomac," 1873–4; "Ashuelot," Asiatic Fleet, 1875–8; "Minnesota," 1878–80; "Yantic," 1880; "Miantonomah," 1882; "Wachusett," 1885; receiving-ship "Vermont," 1886–7; torpedo station, 1887; receiving-ship "New Hampshire," 1887; "Richmond," 1888–9. Retired, June 26, 1889.

Frederick William Greenleaf.—Born in Maine. Entered Naval Academy, July 29, 1863; graduated, 1867; "Quinnebaug," South Atlantic Station, 1867–70. Promoted to *Ensign*, 1868; and to *Master*, 1870; Darien Expedition, 1870–2. Commissioned as *Lieutenant*, 1871; "Monocacy," Asiatic Squadron, 1873–7; "Wyoming," 1878–81; "Michigan," 1881–3. Retired, April 30, 1884.

James M. Grimes.—Born in Cadiz, Ohio, November 21, 1847. Entered U. S. Naval Academy, July 23, 1863; graduated, June, 1867; joined U. S. frigate "Minnesota," July, 1867, on special cruise; detached from "Minnesota," at Aspinwall, January, 1868, to join the Pacific Squadron; went by rail to Panama; passenger on "Wateree" to Callao, Peru, where joined the sloop-of-war "Dakota;" served on the Pacific Station till February, 1871, on the "Dakota" and "Resaca;" made the cruise of the South

Pacific Islands on the latter in 1869–70. Promoted to *Ensign*, December, 1868; to *Master*, March, 1870; ordered to Torpedo School, June, 1871; attended a course of lectures at the school. Commissioned *Lieutenant*, December, 1871; ordered to frigate "Powhatan," February, 1872, home station; detached and ordered to monitor "Saugus," Gulf Station, December, 1873; detached from her at Pensacola, when vessel was laid up, July, 1874; ordered to Coast Survey steamer "Blake," September, 1874; engaged in surveying and deep-sea soundings off the passes of the Mississippi, and deep-sea soundings from mouth of Rio Grande to Dry Tortugas, Gulf of Mexico, winter of 1874–5; July, 1875, ordered to command the Coast Survey steamer "Fathomer;" engaged surveying portions of the Delaware River, summer season, 1875, and in Core Sound, North Carolina, the winter season, 1875–6; detached from command of "Fathomer," August, 1876; joined the "Ranger," November, 1876, while fitting out at Philadelphia for China; went to China *via* Suez Canal and Red Sea; detached from China Station, November, 1878; ordered to New York Navy Yard, June, 1879; detached and joined "Powhatan," home station, September, 1880; cruised on "Powhatan," thirty-one months, that commission being detached, October, 1883. Retired, May 22, 1886.

Hobart Levi Tremain.—Born in New York. Entered Naval Academy, September 30, 1864; graduated, 1868; Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Terror," (iron-clad), N. A. Fleet, 1869–70. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1872; "Hartford," flag-ship, Asiatic Station, 1873–5; Minnesota" (training-ship), 1875–8; "Ticonderoga," special service, 1878–81; Navy Yard, New York, 1881–4; training-ship "Jamestown," 1884; training-ship "Portsmouth," 1884–7; Navy Yard, New York, 1887–90. Retired, May 19, 1891.

Ambrose Barkley Wyckoff.—Born April 29, 1848, at Delhi, Illinois. Entered Naval Academy, September 29, 1864, and graduated number twelve in a class of eighty-four, June 10, 1868. Promoted to *Ensign*, April 19, 1869; to *Master*, July 12, 1870, and to *Lieutenant*, October 25, 1872; served on the "Portsmouth," in Brazil, 1868, and on the "Nantasket," around the Island of Hayti and St. Domingo, during annexation scheme in 1869 and 1870; sent home completely broken down in health, and was on sick-leave for two years; from 1872 to 1874, served on "Wyoming" and "Wachuset," in the West Indies, and surveying coast of Mexico; training-ship "Portsmouth," 1875–6; Coast Survey, 1877–80, surveying coast of California and Puget Sound; from 1881 to 1884, was on "Swatara," "Ashuelot," "Richmond" and "Monocacy," in China, Japan and Corea. When the "Ashuelot" was sunk off the coast of China in February, 1883, Lieutenant Wyckoff, left his own boat and took the Chinese, sick, servants and other idlers out of three boats into the small unmanageable steam cutter, which was adrift without a boiler in the thick fog and darkness, and sent the three empty boats back to the sinking ship for the captain, officers and men remaining on board. Thirty-three were with difficulty saved in the steam cutter, when only twelve were stationed in her at "Abandon Ship." The next day and night he pulled, with a volunteer crew, about forty miles through the fog to the main land, and procured assistance for the survivors on the island; in 1884, 1885 and 1886, he was in charge of the Hydrographic Office at Philadelphia; was elected a member of the American Philosophical Society, and an honorary member of the Franklin Institute, for his services as a judge at the Electrical Exhibition and on the competitive tests of dynamo-electric machines; in 1884, he was the first naval officer to propose and urge the use of oil in storms at sea;

although much ridiculed at the time, the use of oil in storms has since become almost universal, and has saved a great many vessels and lives; in 1887 and 1888, he served as Flag-Secretary to Rear-Admiral Braine, on the South Atlantic Station; in 1889, he was made Assistant to the Chief of the Bureau of Yards and Docks, Navy Department, having special charge of the installation of electric plants at navy yards; under the law of March 2, 1891, he was ordered by the Hon. Secretary of the Navy, to proceed to Puget Sound, and select and purchase the lands for the Puget Sound Naval Station, and locate the dry-dock authorized; having performed this responsible duty to the satisfaction of the Hon. Secretary, he was ordered September 15, 1891, as the first Commandant of the new station; in February, 1893, he was sent before the Retiring Board, on account of rheumatism, caused by arduous duties and exposure, a six months' sick-leave was given him; but his promotion falling due he was ordered up for examination, and July 3, 1893, was honorably placed on the Retired List of the Navy, for disease incurred in the line of duty.

Nathan Hale Barnes.—Born in Windham County, Conn., August 12, 1846. Entered Naval Academy, July 27, 1863, from Illinois; on sick-leave, 1865–6; graduated, June 2, 1868; served on the "Tuscarora" and "Albany," in 1868–9, in the Pacific and N. A. Fleets. Commissioned *Ensign*, April 19, 1869; *Master*, July 12, 1870, and *Lieutenant*, December 12, 1872; served in the "Onward" and "St. Mary's," Pacific Fleet, 1870–3; "Canandaigua," "Plymouth," and monitor "Mahopac," N. A. Fleet, 1873–6; training-ship "Minnesota," 1877–9; "Nipsic," European Fleet, 1879–82; Torpedo Station, 1883; special duty at Illinois College, 1883–6; special cruise around the world in the "Juniata," 1886–9; Training Station, Newport, R. I., 1889–90; received the degree of Doctor of Philosophy from Illinois College, in 1886. Retired, February 18, 1891.

Webster Doty.—Born in Wisconsin. Entered Naval Academy, July 27, 1864; graduated, 1868; Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Yantic," N. A. Fleet, 1870–1. Promoted to *Master*, 1870; "Michigan," 1872; "Tuscarora," surveying on Pacific, 1872–4. Commissioned as *Lieutenant*, 1873; "Pensacola," Pacific Fleet, 1875; "Hartford," N. A. Fleet, 1875–6; receiving-ship "Wyoming," 1877; "Monongahela," 1878–9; "Shenandoah," 1880–2; "Minnesota," 1882; "Kearsarge," 1883–4. Retired, February 28, 1887.

Andrew Charles McMechan.—Born in Ohio. Entered Naval Academy, February 24, 1863; graduated, 1868; Pacific Fleet, 1868–74. Promoted to *Ensign*, April 19, 1869; and to *Master*, July 12, 1870; Asiatic Station, 1874–77. Commissioned as *Lieutenant*, January 6, 1874; "Quinnebaug," European Squadron, 1878–81; R. S. "Independence," 1881–2. Retired, October 29, 1883.

James Franklin.—Born in Maryland. Entered Naval Academy, September 26, 1865; graduated, 1869; "Sabine," special cruise, 1869–70. Promoted to *Ensign*, 1870; signal duty, 1870–1; Asiatic Fleet, 1871–4. Promoted to *Master*, 1872; Coast Survey, 1874–6. Commissioned as *Lieutenant*, 1875; torpedo duty, 1877. Retired, March 9, 1880.

Harry Muhlenburg Jacoby.—Born in Pennsylvania. Entered Naval Academy, July 27, 1866; "Shenandoah" and "Wachusett," Europe, 1870–73; "Worcester," N. A. Station, 1873–4. Promoted *Ensign*, July 13, 1871. Promoted *Master*, April 9, 1874; "Yantic," Asiatic Station, 1874–7; Coast Survey, 1878–80 Promoted *Lieutenant*, July 11, 1880; Navy Yard, League Island, 1881; "Lackawanna," 1881–2. Retired, November 16, 1883.

Samuel Lindsay Graham.—Born at Carlisle, Pennsylvania. Appointed from Pennsylvania to N. A., July, 1866; graduated, June, 1870; *Ensign*, July, 1871; *Master*, June, 1874; *Lieutenant*, November, 1880; U. S. S. "Guerriere," European Station, 1870–72; ran on Vado Rock, near Leghorn, Italy; ship sent home, condemned and sold; U. S. S. "Portsmouth" (surveying), Pacific Station, 1872–4; landed forces at Honolulu during riots attending election of King Kalakaua; U. S. S. "Saranac," Pacific Station, from 1874 until wrecked at Seymour Narrows, British Columbia, June, 1875; transferred to U. S. S. "Tuscarora," Pacific Station (deep-sea sounding), from September, 1875, to August, 1876; called at Apia, Samoa, to inquire about deportment of Steinburger, by an English man-of-war; U. S. S. "Plymouth," 1876–9; during which time had two epidemics of yellow fever on board; U. S. Hydrographic Office, 1879–80; U. S. S. "Constellation," March, to June, 1880—Irish Relief cruise; U. S. Hydrographic Office, 1880–81; U. S. S. "Lancaster," European Station, 1881–4; at bombardment of Alexandria, Egypt, and landed with forces to assist in restoring order until arrival of English troops; at Cronstadt, Russia, during the festivities attending the coronation of the present Czar, Alexander III.; Branch Hydrographic Office, Baltimore, 1884–7; U. S. S. "Trenton," Pacific Station, 1887, until her wreck at Apia, Samoa, March, 1889; at Apia, Samoa, in charge of wrecking party, April, May and June, 1889; inspector of steel at Linden Steel Works, September, 1889, to November, 1892; Navy Yard, Washington, November, 1892, to March, 1893; U. S. S. "Bancroft," March, 1893, to July, 1893; taking part in Naval Review of 1893; condemned by Medical Survey, July, 1893, and granted sick leave; incapacitated for further active duty by disease contracted at Apia, Samoa, while engaged in wrecking "Trenton" and "Vandalia," and retired December, 25, 1893.

Timothy Gardner Coffin Salter.—Naval apprentice. N. A. September, 1866; *Ensign*, July, 1871; *Master*, November, 1871; *Lieutenant*, August, 1881; "Congress," special service, 1870–1; Coast Survey, 1875–80; "Marion," S. A. Station, 1880–3; Torpedo Station, 1883; Naval Station, New London, 1883–5; training-ship "Portsmouth," 1885–8; Inspector of Ordnance, Midvale Steel Works, 1889, to June, 1892; "Chicago," N. A. Station, June, 1892, until date of retirement, June 26, 1893.

Albert Jonett Dabney.—Entered Naval Academy, October 1, 1867; graduated, June 6, 1871; served on European Station on board U. S. ship "Wachusett," flag-ships "Wabash," and "Brooklyn," 1871–3. Promoted to *Ensign*, July 15, 1872; served on North Atlantic Station on board the U. S. ships "Plymouth," "Shawmut," and "Dictator," 1874–7. Promoted to *Master*, April 6, 1875; served on board U. S. S. "New Hampshire," 1878; served on Asiatic Station, U. S. S. "Alert," 1879–82. Promoted *Lieutenant*, February 16, 1882; served in Hydrographic Office, Washington, D. C., 1884. Retired, July 1, 1885.

Francis Winslow.—Born in Italy. Entered Naval Academy, July 22, 1865; "Guerriere," 1869–72; R. S. "Sabine," 1873; "Alaska," 1874–76; Coast Survey, 1876–9. Promoted *Ensign*, July 13, 1871. Promoted *Master*, October 7, 1874; "Saratoga," 1880; special duty, Fish Commission, 1882–4; "Yantic," 1884–5; commanding C. S. schooner "Scoresby," 1886–9. Promoted *Lieutenant*, May 11, 1881. Retired, March 14, 1889.

John Downes.—Appointed at large. Naval Academy, 1867; *Midshipman*, June, 1871; *Ensign*, July, 1872; *Master*, April, 1875; *Lieutenant*, May, 1882; "Franklin," Europe, 1875–6; "Alliance," European Station, 1877–9; receiving-ship "Wabash," 1880–3; "Tennessee," North Atlantic

Station, 1883–5; Branch Hydrographic Office. Boston, 1885–90. Retired, January 26, 1891.

Milton Klinger Schwenk.—Entered Naval Academy, June 1, 1872; "Omaha," South Pacific, 1876–8; "Alliance," N. A. Station, 1878–81. Promoted *Ensign*, July 15, 1872. Promoted *Master*, October 23, 1878; "Tallapoosa," 1882–3; nautical school-ship "St. Mary's," 1884–6; "Alert," 1886–7. Promoted *Lieutenant*, July 31, 1885. Retired, May 14, 1889.

Charles Macklin McCarteney.—Born in Philadelphia, August 16, 1854. Appointed from the Third Congressional District to the Naval Academy, September 22, 1870; graduated, June 21, 1875 (lost one year from accident received at Fire Quarters Drill). Commissioned *Ensign*, July 18, 1876; *Master*, June 20, 1882; *Lieutenant* (junior grade), March 3, 1883; *Lieutenant*, March 26, 1889; served on the following vessels: "Swatara," September, 1875, to September, 1877; "Passaic," February, 1878, to July, 1878; "Nipsic," November, 1879, to March, 1883; "Wyandotte," October, 1883, to April, 1884; command of tug "Speedwell," August, 1884, to March, 1885; "Omaha," March, 1885, to May, 1888; intermediate shore duty, Torpedo Station, and various periods of service at the Hydrographic Office. Retired, December 10, 1891.

Frank John Milligan.—Appointed from Tennessee. Naval Academy, June 28, 1869; graduated, June 1, 1874. *Ensign*, July 17, 1876. *Master*, November 6, 1881. *Lieutenant* (junior grade), March 31, 1883. *Lieutenant*, March 31, 1888; Asiatic Station, 1874–6; "Alliance," N. A. Station, 1876–7; receiving-ship "St. Louis," 1877–8; "Richmond," Asiatic Station, 1879–81; Navy Yard, Washington, 1882–3; "Ossipee." Asiatic Station, 1884–5; sick leave, 1886; Steel Inspection Board, 1887–9; "Dolphin," around the world, 1889; Training Squadron, 1891. Retired on account of heart disease, May 28, 1892; waiting orders, November, 1890, to March, 1891; "Monongahela" (training-ship), March, 1891, to date of retirement, May 28, 1892.

Retired as not recommended for promotion.

George McCully McClure.—Appointed from Pennsylvania. Entered navy, September 29, 1859, as *Acting Midshipman*. Promoted to *Midshipman*, July 16, 1862; *Ensign*, October 1, 1863; *Master*, May 10, 1866; *Lieutenant*, February 21, 1867; special duty, Erie, Pa., 1865; "Juniata," 1866; "Shamokin," 1868. Retired, November 9, 1868.

Retired under Act of August 3, 1861.

Arthur Henry Fletcher.—Born in England. Appointed an *Acting Midshipman* at Naval Academy, November 28, 1861; graduated, 1865; "Rhode Island," flag-ship, West India Squadron, 1865–66. Promoted to *Ensign*, December 1, 1866; "Iroquois" (third-rate), Asiatic Station, 1867–70. Promoted to *Master*, March 12, 1868. Commissioned as *Lieutenant*, March 26, 1869; "Idaho," store-ship, Asiatic Fleet, 1871; ordnance duty, Navy Yard, Washington, 1872; commanding receiving-ship "Relief," 1873; "Intrepid" (fourth-rate), 1874; "Kansas" (third-rate), North Atlantic Station, 1875; Asiatic Station, 1876; "Huron" (third-rate), 1876–7; under suspension, 1878–9; waiting orders, 1880. Retired, October 11, 1881.

John Codman Soley.—Born in Massachusetts. Appointed to Naval Academy, September 20, 1862, and graduated in 1866; "Sacramento," 1866, wrecked on coast of India, 1867; ordnance duty in Boston, 1867–8. Promoted to *Ensign*, April, 1868; "Nipsic" (fourth-rate), North Atlantic Station, 1868–9. Promoted to *Master*, March 26, 1869; Flag-Lieutenant,

North Atlantic Station, 1869, "Severn," (flag). Promoted to *Lieutenant*, March 21, 1870; Instructor in Ordnance, Naval Academy, 1871–2; Flag-Lieutenant, European Squadron, 1873–7, "Wabash" (flag), "Franklin" (flag), "Marion" (flag), "Trenton" (flag); Instructor in Ordnance, Naval Academy, 1877–80; Executive Officer, "Saratoga," 1880–2; Naval Attaché, Paris, 1882. Retired for color-blindness, February 24, 1885. Organized Naval Battalion of Massachusetts Vol. Militia and commissioned *Lieutenant-Commander*, March, 1890. Commissioned *Captain*, commanding Naval Brigade, M. V. M., March, 1893.

Jerome Edward Morse.—Appointed from Massachusetts. *Midshipman*, October 11, 1862; *Ensign*, March 12, 1868; *Master*, March 26, 1869; *Lieutenant*, March 21, 1871; "Pawnee," 1867–9; "Dictator," 1870; "Omaha," 1872. Retired, July 22, 1874.

John Forsyth Meigs.—Born in Pennsylvania. Entered Naval Academy, October 4, 1862; graduated, June, 1867; ordered to "Piscataqua" (afterwards "Delaware"), China, October 10, 1867; ordered to "Iroquois" (transferred at Nagasaki), May 22, 1869. Promoted to *Ensign*, December 18, 1868; arrived in "Iroquois" at Philadelphia, and was detached, April, 1870. Promoted to *Master*, March 21, 1870; reported at Washington for signal duty, June 15, 1870; detached from signal duty and ordered to the "Guerriere," August 16, 1870 (Europe); detached from "Guerriere," March 11, 1872. Promoted to *Lieutenant*, March 21, 1871; ordered to League Island Navy Yard, March 23, 1872; detached July 9, 1872; reported at Newport for torpedo instruction, September 1, 1872; detached, June 23, 1873; reported on board "Pensacola" (South Pacific), October 1, 1873; transferred to "Omaha" (Callao), April 15, 1874; transferred to "Onward" (Callao), June 1, 1875; transferred to "Richmond," July 1, 1875; detached from "Richmond" and ordered home, June 5, 1876; Naval Academy, 1876; "Pensacola," Pacific Station, 1877–80; Torpedo Station, 1881; Naval Academy, 1881–5; Bureau of Navigation, 1885–6; "Richmond," North Atlantic Station, 1886–9; Bureau of Navigation, 1889–90. Retired for color-blindness, August 3, 1891, when ordered for examination for promotion to Lieutenant-Commander.

Charles Allston Stone.—Born in Pennsylvania. Entered Naval Academy, July 27, 1864; graduated, 1868; "Jamestown," Pacific Fleet, 1868–9. Promoted to *Ensign*, 1869; "Nantasket," North Atlantic Fleet, 1870–2. Promoted to *Master*, 1870. Commissioned as *Lieutenant*, 1872; "Mahopac" (iron-clad), North Atlantic Station, 1873; "Fortune," special service, 1873–4; Navy Yard, Washington, 1875–7; "Trenton," flag ship, European Fleet, 1877–9; Naval Academy, 1879–83; "Mohican," Pacific Station, 1885–7; Bureau of Ordnance, 1887–91; leave of absence, March, 1891, to date of retirement, December 25, 1893.

Horace Parker McIntosh.—Appointed from Indiana by the Hon. George W. Julian. Entered the U. S. Naval Academy, June 28, 1867; graduated, June 6, 1871; attached to U. S. S. "California," Pacific Squadron, from Aug. 25 to Aug. 30, 1871; served on board U. S. S. "Mohican," Pacific Squadron, from Aug. 30, 1871, to June 15, 1872; U. S. S. "Lackawanna," Asiatic Squadron, June 15, 1872, to December 18, 1873. Commissioned as *Ensign*, July 14, 1872; U. S. S. "Palos," Asiatic Squadron, December 18, 1873, to June 1, 1874; U. S. S. "Monocacy," Asiatic Squadron, January 5, 1875, to August 27, 1877. Commissioned as *Master*, June 27, 1875; U. S. S. "Kearsarge," homeward bound from Nagasaki, Japan, to Boston, Mass., August 27, 1877, to January 15, 1878; U. S. Hydrographic Office, Wash-

ington, D. C., May 29, 1878, to January 31, 1879; U. S. S. "Shenandoah," South Atlantic Squadron, September 6, 1879, to May 22, 1882, as Flag-Lieutenant to Rear-Admiral Andrew Bryson; U. S. Hydrographic Office, Washington, D. C., September 9, 1882, to August 31, 1883. Commissioned as *Lieutenant*, October 22, 1882; U. S. S. "Miantonomah," special service, September 1, 1883, to September 22, 1883; U. S. Hydrographic Office, Washington, D. C., September 24, 1883, to March 19, 1885; U. S. S. "Pensacola," European Squadron, March 20, 1885, to March, 1888; in charge of Branch Hydrographic Office, San Francisco, Cal., May 31, 1888, to April 25, 1891; U. S. S. "Marion," Behring Sea and Asiatic Squadrons, April 27, 1891, to December 4, 1891; U. S. S. "Alliance," Asiatic Squadron, as Executive-Officer and Navigator, December 4, 1891, to April 4, 1892; special service, Nagasaki, Japan, May 26, 1892, to July 20, 1892; retired June 30, 1892, on account of color-blindness.

Transferred from volunteer service and placed on retired list.

Henry C. Keene.—Entered the Navy as *Acting Master*, September 21, 1861, and was ordered to U. S. S. "Ottawa;" lost right leg in the battle of Port Royal, the same year; 1862, ordered to command the U. S. store-ship "Fredonia," at Callao, Peru, and served till 1863, and resigned, having in the meantime been promoted to *Volunteer Lieutenant*; May, 1864, was re-appointed with same rank, and ordered to command Naval Battery (eleven guns), on Searey's Island, Portsmouth Harbor; was then on duty a short time at the Portsmouth Navy Yard, and then transferred to the Naval Rendezvous, at Portsmouth, as assistant, and shortly after assumed command until April, 1864, and honorably discharged; re-appointed (as *Volunteer Lieutenant*) the following June, and ordered to duty as Naval Storekeeper, at Navy Yard, Boston, until July, 1867; ordered to the rendezvous at the same yard as assistant, until July 1, 1868, and ordered to the receiving-ship "Ohio;" ordered to duty at the rendezvous the following March, until March, 1873; transferred from the volunteer service to the regular navy, March 20, 1871, and placed on the retired list with the rank of Lieutenant.

LIEUTENANTS (JUNIOR GRADE) ON THE ACTIVE LIST.

William Ledyard Rodgers.—Appointed from California. *Cadet Midshipman*, June 11, 1874; *Midshipman*, June 4, 1880; *Ensign*, April 1, 1882; *Lieutenant* (junior grade), May 4, 1889; Naval Observatory, 1880–1; "Quinnebaug," European Station, 1881–4; special duty, Naval Department, 1884–5; instruction torpedo service, 1886; Office of Naval Intelligence, 1886–8; "Atlanta," special service, 1889–92; Navy Yard, Washington, December, 1892, to date.

Roy Campbell Smith.—Born in Texas. Appointed to Naval Academy, from Virginia, October 3, 1874; "Pensacola," Pacific Station, 1878–80. *Midshipman*, June 4, 1880; Washington Navy Yard, 1881; "Quinnebaug," European Station, 1881–4. *Ensign*, April 8, 1882; Naval Academy, 1885–8; "Constellation," summer of 1885; Torpedo Station, Newport, summer of 1887; electrical duty, Philadelphia and Norfolk, 1888–9; "Yorktown," "Boston," "Bennington" and "Chicago," Squadron of Evolution, 1889–92; *Lieutenant* (junior grade), May 12, 1889; Torpedo Station, Newport, 1892, to date. *Lieutenant*, February 23, 1894.

Albert Norton Wood.—Born in Indiana. Entered Naval Academy, September 24, 1873; graduated, June 4, 1880; "Alaska," 1881–3. Promoted *Ensign*, April 15, 1882; "Powhatan," 1884; "Nina," 1884; "Powhatan," 1885–6. Promoted *Lieutenant* (junior grade), May 15, 1889; training-ship "Richmond," February, 1887, to March, 1891; "Monongahela," training-ship, March, 1891, to date.

Edward Lloyd, Jr.—Born in Maryland. Entered Naval Academy, June 17, 1874; graduated, June 4, 1880; "Constitution," 1880; R. S. "Franklin," 1881; "Enterprise," 1882–4. Promoted *Ensign*, May 11, 1882; ordnance proving ground, Annapolis, 1885–7; "Boston," Squadron of Evolution, 1888–90. Promoted *Lieutenant* (junior grade), June 13, 1889; Naval Academy, September, 1890, to August, 1893; "Detroit," S. A. Station, August, 1893, to date.

Harry McLaren Pinkney Huse.—Born in New York Entered Naval Academy, September 30, 1874; graduated, June 4, 1880; "Galena," 1880. Promoted *Ensign*, June 2, 1882; "Brooklyn," 1883–4; ordnance proving ground, Annapolis, 1884–5; Naval Academy, 1886; "Constellation," 1887; Naval Academy, 1887–8; "Kearsarge," 1888; "Philadelphia," 1888–91. Promoted *Lieutenant* (junior grade), June 27, 1889; granted furlough, October, 1891, to April, 1892; Naval Academy, April, 1892, to date.

Richard Morris Hughes.—Born in Pennsylvania. Entered Naval Academy, September 25, 1874; graduated, June 4, 1880; "Constitution," 1880; R. S. "Colorado," 1881. Promoted *Ensign*, June 19, 1882; "Alliance," 1882–4; Coast Survey, 1885; C. S. S. "Blake," 1886–9; training-ship "Portsmouth," 1889 to June, 1892. Promoted *Lieutenant* (junior grade), August 4, 1889; charge Branch Hydrographic Office, Philadelphia, June, 1892, to date.

Charles Nelson Atwater.—Born in New York. Entered Naval Academy, September 24, 1873; graduated, June 4, 1880; "Constitution," 1880; receiving-ship "Colorado," 1881. Promoted *Ensign*, June 20, 1882; "Jamestown," 1882; special duty, Boston, November, 1882; "Trenton," 1883; "Enterprise," 1883; "Trenton" 1885; Naval Academy, 1886–9; training-ship "Portsmouth," 1889–92. Promoted *Lieutenant* (junior grade), September 9, 1889; Naval Academy, September 1892, to date.

John Hite Lee Holcombe.—Born in Virginia, 1856. Entered Naval Academy, June 27, 1874; graduated, 1878; "Wyoming," 1878–9; "Trenton," 1879; "Enterprise," 1880. *Midshipman*, June 4, 1880; Nautical Almanac Experimental Determination Velocity of Light, 1880–1; "Despatch," survey of Samana, 1882. Promoted *Ensign*, July 1, 1882; Assistant Astronomer, Transit of Venus, Cape Town, 1882–3; "Nipsic," 1883; "Trenton," 1883; "Monocacy," 1883–4; "Alert," 1885; "Trenton," 1885; Naval Academy, 1886–88; special duty, Telegraphic Determination Longitude, 1888–9; C. S. S. "McArthur," 1889–91. *Lieutenant* (junior grade), October 24, 1889; Fish Commission steamer "Albatross," 1891; "Thetis," special service, November, 1891, to September, 1892; Assistant Inspector of Ordnance, Navy Yard, Washington, September, 1892, to date.

Wm. Leslie Burdick.—Born in Ohio. Appointed from Ohio. Entered Naval Academy, September 26, 1873; cruise preliminary to final graduation, U. S. S. "Swatara," September, 1877, to October, 1878; "Powhatan," October, 1878, to April, 1879; graduated, June 18, 1879; "Tennessee," N. A. Station, 1879–82; "Vandalia," N. A. Station, 1882–3; C. S. S. "McArthur," 1884; "Adams," Pacific Station, 1885–9; inspector of steel, Munhall, Pennsylvania, 1889–90. Promoted to *Ensign*, November 28, 1882.

Promoted to *Lieutenant* (junior grade), 1890; Coast Survey steamer "Bache," July, 1890, to Nov., 1893; Navy Yard, Washington, Nov., 1893, to date.

Harry Kimmell.—Born in Pennsylvania. Appointed from Pennsylvania. Entered Naval Academy, September 28, 1874; graduated, June 4, 1880; "Ranger," N. P. Station, 1880–3; "Alert," Asiatic Station, 1883; "Monocacy," Asiatic Station, 1884–6; "Michigan," Northwestern Lakes, 1887–8; C. S. S. "Blake," 1889–92. Promoted *Ensign*, December 19, 1882. Promoted *Lieutenant* (junior grade), 1890; Hydrographic Office, March, 1892, to September, 1893; receiving-ship "Franklin," January, 1894.

George Ramsey Clark.—Born in Ohio. Appointed from Ohio. Entered Naval Academy, June 9, 1874; graduated, June 4, 1880; "Wachusett," Pacific Station, 1880–3; "Michigan," Northwestern Lakes, 1884–6; "Alliance," S. A. Station, 1887–9; special duty, electric lights, Philadelphia, 1889–90. Promoted *Ensign*, August 24, 1883. Promoted *Lieutenant* (junior grade), 1890; "Michigan," April, 1890, to December, 1892; "Atlanta" and "Machias," N. A. Station, December, 1892, to date.

George Henry Stafford.—Born in Illinois. Appointed from Iowa. Entered Naval Academy, June 10, 1874; graduated, June 4, 1880; "Ranger," N. P. Station, 1880–3; Bureau Navigation, 1884–5; Office Naval Intelligence, 1886; "Ranger," N. P. Station, 1887–90. Promoted *Ensign*, October 13, 1883. Promoted *Lieutenant* (junior grade), 1890; "Michigan," December, 1890, to December, 1892; leave of absence, December, 1892, to July, 1893; "Baltimore," Asiatic Station, July, 1893, to date.

Allen Grey Rogers.—Born in North Carolina. Appointed from North Carolina. Entered Naval Academy, June 12, 1874; graduated June 12, 1874; "Alaska," Pacific Station, 1880–3; torpedo instruction, 1883; training-ship "New Hampshire," 1883–4; C. S. S. "Blake," 1885–8; "Monongahela," Pacific Station, 1889–90. Promoted *Ensign*, December 1, 1883. Promoted *Lieutenant* (junior grade), 1890; Coast Survey steamer, "Gedney," Mar., 1890, to April, 1891; "Marion," Asiatic Station, April, 1891, to date.

William Porter White.—Appointed at large. Naval Academy, June 30, 1874; appointed *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, February 9, 1884; *Lieutenant* (junior grade), March 5, 1890; Coast Survey steamer "Hassler," 1883–5; "Monongahela," Pacific Station, 1887–1890; waiting orders, September, 1890, to February, 1891; R. S. "Vermont," February, 1891, to June, 1893; "Charleston," Pacific Station, June, 1893, to date.

John Harry Shipley.—Appointed from Missouri. *Cadet Midshipman*, September 30, 1874, to June 4, 1880; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, April 16, 1884; *Lieutenant* (junior grade), March 5, 1890. *Service*—On the U. S. S. "Tuscarora," 1878–80; U. S. S. "Saratoga," 1881–5; Coast Survey steamers "Hassler," "McArthur" and "Patterson," 1886–7; U. S. S. "Swatara," 1888; U. S. R. S. "Wabash," 1888–9; U. S. S. "Michigan," 1889–90; U. S. S. "Kearsarge," 1890–92; Naval Academy, September, 1892, to date.

John Eccleston Craven.—Appointed at large. Naval Academy, September 24, 1874; *Midshipman*, June 4, 1890; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 31, 1890; Coast Survey steamer "Bache," 1883–5; "Lancaster," European Station, 1888–9; Hydrographic Office, November, 1889, to October, 1892; "Pinta," special service, October, 1892, to date.

James Henry Hetherington.—Appointed from Iowa. Naval Academy, June 6, 1874; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March

3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), September 20, 1890; Coast Survey steamer "Gedney," 1883–5; "Michigan," 1887–90; "Marion," Asiatic Station, May, 1891, to December, 1892; "Mohican," Pacific Station, December, 1892, to date.

John Joseph Knapp.—Appointed from Missouri. Naval Academy, June 6, 1874; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), October 15, 1890; "Wachusett," Pacific Station, 1883–5; "Alert," Pacific Station, 1887 to April, 1890; R. S. "Dale," April, 1890, to August, 1892; "Baltimore," Special Service Squadron, August, 1892, to April, 1893; Navy Yard, Washington, April, 1893, to date.

Augustus Craven Almy.—Appointed at large. Naval Academy, June 7, 1872; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), October 28, 1890; "Powhatan," special service, 1883–5; Coast Survey steamer "Patterson," 1887 to January, 1890; "Thetis," special service, May, 1890, to November, 1891; "Monterey," Pacific Station, February, 1893, to date.

Randolph Huntington Miner.—Appointed from Ohio. Naval Academy, June 10, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 5, 1890; Fish Commission steamer "Albatross," 1883–5; Naval Academy, 1888–91; "Lancaster," Asiatic Station, June, 1891, to date.

John Hood.—Appointed from Alabama. Naval Academy, September 18, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 5, 1890; "Shenandoah," S. A. Station, 1879; "Wachusett," Pacific Station, 1880–1; "Brooklyn," S. A. Station, 1881–4; Naval Academy, 1884–6; "Vandalia" and "Mohican," Pacific Station, 1886–8; Naval Academy, 1888–92; "Jamestown," "Constellation," "Bancroft" and "Kearsarge," N. A. Station, June, 1892, to date.

Henry Sanders Chase.—Born in Louisiana. Appointed *Cadet Midshipman*, Naval Academy, June 21, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), January 27, 1891. Service: Naval Academy, June 21, 1875, to June 10, 1879; U. S. S. "Adams," August, 1879, to March, 1881; U. S. T. S. "New Hampshire," July, 1881, to January, 1882; Smithsonian Institute, January, 1882, to January, 1885; U. S. S. "Marion, January, 1885, to December, 1887; Naval Observatory, January, 1888, to July, 1890; U. S. S. "Pensacola," July, 1890, to April, 1892; U. S. C. S. S. "Hassler," April, 1892, to February, 1893; U. S. S. "Bancroft," March, 1893, to May, 1893; U. S. S. "Atlanta," May, 1893, to July, 1893; Bureau of Navigation, August, 1893, to date.

Leroy Mason Garrett.—Appointed from New York. Naval Academy, September 16, 1875; "Alert," Atlantic Station, 1879–81; *Midshipman*, June 10, 1881; "Constitution," Training Squadron, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), February 19, 1891; Fish Commission steamer "Albatross," 1883–5 (winters on "Albatross" and summers on Geological Survey); Smithsonian Institute and Geological Survey of Yellowstone Park," 1882–4; "Iroquois" and "Adams," Pacific Station, 1885–8; commanding Coast Survey steamer "Endeavor," 1888–9; special longitude duty, 1889–90; "San Francisco," Pacific Station, December, 1890, to June, 1893; Coast Survey Office, June, 1893, to October, 1893; commanding Coast Survey steamer "Endeavor," Oct., 1893, to date.

Charles Carlton Marsh.—Appointed from Indiana. Naval Academy, September 14, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 14, 1891; U. S. S. "Marion," July, 1879, to April, 1881; special duty Smithsonian Institute, 1882–4; U. S. Coast Survey steamer "Patterson," April, 1884, to December, 1887; Naval Observatory, 1888–9; "Alliance," 1890, to April 1893; Naval Observatory, April, 1893, to date.

John Bell Blish.—Appointed from Indiana. Naval Academy, September 15, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 19, 1891; "Alaska," July, 1879, to March, 1881; Naval Academy, April, 1881, to July, 1881; "Constitution," July, 1881, to December, 1881; "Alliance," December, 1881, to January, 1882; Smithsonian Institute, January, 1882, to January, 1883; "Jamestown," January, 1883, to October, 1885; Naval Academy, October, 1885, to October, 1887; "Ranger," October, 1887, to September, 1888; "Independence," September, 1888, to November, 1888; leave of absence, November, 1888, to November, 1889; "Dolphin," December, 1889, to September, 1890; Coast Survey, September, 1890, to October, 1892; Office Naval Intelligence, December, 1892, to May, 1893; Assistant to the Inspector 13th Light-House District, May, 1893, to date.

Charles William Jungen.—Appointed from Wisconsin. Naval Academy, September 24, 1874; *Cadet Midshipman*, June 10, 1879; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 24, 1884; *Lieutenant* (junior grade), May 20, 1891; U. S. S. "Adams," Pacific Station, July 12, 1879, to March 5, 1881; U. S. school-ship "New Hampshire," July 20, 1881, to April 17, 1882; U. S. training-ship "Saratoga," April 18, 1882, to August 26, 1883; U. S. Coast Survey schooner "Silliman," steamers "Patterson" and "Hassler," August 27, 1883, to August 26, 1886; U. S. S. "Ranger," Pacific Station, August 27, 1886, to August 1, 1889; U. S. S. "Pinta," Pacific Station, August 20, 1889, to December 21, 1891; Naval Intelligence Office, January 23, 1891, to March 15, 1892; U. S. Coast Survey steamer "Patterson," April 1, 1892, to January 18, 1893; on leave, January 19, 1893, to January 19, 1894; at present awaiting orders.

Charles Henry Harlow.—Appointed from New York. Naval Academy, September 15, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 29, 1891; special duty, Smithsonian Institute, 1883–4; Inspector of Steel, new cruisers, 1888–9; Naval Academy, July, 1889–90; World's Columbian Exposition, 1891, to May, 1892; training-ship "Portsmouth," May, 1892, to date.

William Andrew Gill.—Appointed from Pennsylvania. Naval Academy, June 21, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 25, 1891; training-ship "Portsmouth," 1883–5; "Ranger," Pacific Station, 1887–90; Naval Ordnance Proving Ground, May, 1890, to June, 1893; "Yorktown," Pacific Station, June, 1893, to date.

Thomas William Ryan.—Appointed from Pennsylvania. Naval Academy, June 13, 1873; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, May 19, 1884; *Lieutenant* (junior grade), July 31, 1891; U. S. flag-ship "Richmond," China Station, 1878–80; U. S. T. S. "Saratoga," 1881–3; U. S. S. "Ranger," 1883–6; Branch Hydrographic Office, New York, 1887; Inspection of Steel, new cruisers, 1887–8; on leave, 1889; U. S. T. S. "Jamestown," 1889–91; Coast Survey steamer "En-

deavor," 1891–2; in charge Branch Hydrographic Office, Savannah, November, 1892, to March, 1893; R. S. "Franklin," March, 1893, to date.

Charles Stedman Ripley.—Appointed at large. Naval Academy, June 17, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), August 2, 1891; "Brooklyn," S. A. Station, 1883–4; "Mohican," Pacific Station, 1887–9; on duty East Florida Seminary, 1889, to October, 1891; R. S. "Wabash," October, 1891, to May, 1892; Coast Survey schooner "Eagre," May, 1892, to date

Walter J. Sears.—Appointed from Pennsylvania. Naval Academy, June 21, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), August 4, 1891; "Marion," N. A. Station, 1879; S. A. Station, 1880–1; "Wabash," October to December, 1881; "Enterprise," N. A. Station and Asiatic Station, 1882 to November, 1883; "Monocacy," Asiatic Station, November, 1883, to April, 1884; "Trenton," Asiatic Station, April to July, 1884; "Essex," Asiatic and N. A. Stations, July, 1884, to January, 1885; Coast Survey, April, 1885, to May, 1887; "Trenton," N. A. and S. A. Stations, May, 1887, to September, 1877; "Alliance," S. A. Station, September, 1887, to January, 1888; "Lancaster," European Station, February, 1888, to September, 1889; "New Hampshire," Newport, October, 1889, to June, 1890; "Vesuvius," N. A. Station, June, 1890, to April, 1891; "Fern," N. A. Station, April to September, 1891; Inspector of Steel, Pittsburg, September, 1891, to January, 1892; R. S. "Minnesota," New York, April, 1892, to date.

John Gibson.—Appointed from Kentucky. Naval Academy, June 9, 1874; graduated, June, 1879; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), September 27, 1891; U. S. S. "Adams," Pacific Station, August, 1879, to March, 1881; receiving-ship "Independence," Mare Island, September, 1881, to February, 1882; U. S. S. "Jamestown," around Cape Horn, February, 1882, to July, 1882; U. S. S. "Minnesota," July, 1882, to September, 1882; U. S. S. "Ranger," surveying Pacific Coast of Central America, September, 1882, to July, 1883; Hydrographic Office, October, 1883, to June, 1885; U. S. S. "Galena," North Atlantic Station, June, 1885, to June, 1888; Cincinnatti Exposition, July, 1888, to December, 1888; Compass Office, December, 1888, to March, 1891; Coast Survey steamers "Endeavor" and "Blake," March, 1891, to December, 1893; at present on duty at Naval Academy.

John Arthur Bell.—Appointed from West Virginia. Naval Academy, June 13, 1874; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), October 20, 1891; "Brooklyn," Asiatic Station, 1883–5; Navy Yard, Mare Island, 1888–9; "Thetis," special service, May, 1889, to July, 1892; Electric duty, Navy Yard, New York, July, 1892, to date.

John Allen Dougherty.—Born in Liberty, Clay Co., Missouri, September 8, 1857. Appointed *Cadet Midshipman* from 8th Congressional District of Missouri by Hon. Abraham Consingo, M. C., June 12, 1874. Detached from Naval Academy, June 10, 1879; ordered to "Constellation" (on arrival in Europe, to duty on that station—to duty on board the flag-ship "Trenton"), September 26, 1879; graduated from Naval Academy, May 31, 1881. Promoted to rank of *Midshipman*, June 10, 1881; detached from Naval Academy, and placed on waiting orders, June 15, 1881; ordered on board U. S. S. "Constitution," June 30, 1881; detached from duty on board U. S. S.

"Constitution" and placed on waiting orders, December 14, 1881; ordered to U. S. S. "Jamestown," February 1, 1882; ordered to duty in the Coast Survey, September 27, 1882. Commissioned *Ensign* (junior grade), March 3, 1883; detached from Coast Survey and ordered to the "Kearsarge," June 26, 1883. Commissioned as *Ensign*, June 26, 1884; detached from "Kearsarge" and placed on waiting orders, November 26, 1886; ordered for instruction in Torpedo Service, June 1, 1887; Naval War College—then to advanced course at Torpedo Station, September 2, 1887; ordered to Torpedo Station, June 16, 1888; Bureau of Navigation, April 13, 1889; ordered to the U. S. S. "Pensacola," August 16, 1889; detached from the "Pensacola" and ordered to the torpedo-boat "Cushing," May 26, 1890; U. S. S. "Richmond," August 25, 1891; Bureau of Navigation, October 20, 1891. Commissioned as *Lieutenant* (junior grade), November 5, 1891.

Daniel Preston Menefee.—Appointed from California. Naval Academy, September 25, 1874; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 11, 1891; Coast Survey steamer "Scoresby," 1883–5; "Adams" and "Mohican," Pacific Station, 1887–90; waiting orders, December, 1890, to March, 1891; Navy Yard, Mare Island, March, 1891, to date.

John Henry Gibbons.—Appointed from Michigan. Naval Academy, September 15, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 16, 1891; "Adams," Pacific Station, 1879–81; training-ship "Jamestown," 1882–5; Naval Academy, 1885–88; "Mohican," "Vandalia" and "Adams," Pacific Station, 1888–90; Coast Survey steamer "Gedney," August, 1890, to September, 1891; Naval Academy, September, 1891, to September, 1892; Navy Yard, Washington, September, 1892, to date.

Thomas Snowden.—Appointed from New York. Naval Academy, June 21, 1875; *Midshipman*, June, 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), January 10, 1892; "Brooklyn," Asiatic Station, 1883–5; "Ossipee," N. A. Station, 1887–9; Naval Observatory, 1889, to April, 1892; "Ranger," Pacific Station, April, 1892, to date.

Edwin Hord Tillman.—Appointed from Tennessee. Naval Academy, September 18, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), April 3, 1892; "Shenandoah," South Atlantic Station, September, 1879, to April, 1881; "Trenton," Asiatic Station, September 18, 1883, to September 18, 1886; Coast Survey Office, 1886–89; "Petrel," unassigned, October, 1889, to September, 1891; Coast Survey Office, October, 1891, to February, 1893; Coast Survey steamer "Endeavor," February, 1893, to November, 1893; Coast Survey Office, November, 1893, to date.

Robert Files Lopez.—Appointed from Tennessee. Naval Academy, September 20, 1874; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), April 16, 1892; "Enterprise" Asiatic Station," 1883–5; "Thetis," special service, North Pacific, 1887–90; Nautical school-ship "St. Mary's," December, 1890, to July, 1893; Coast Survey steamer "Gedney," July, 1893, to date.

Frank Woodruff Kellogg.—Appointed from Connecticut. Naval Academy, June 21, 1875; *Midshipman*, March 3, 1883; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 5, 1892; Coast Survey steamer "Drift," 1883–5; "Yantic," N. A. Station, 1885–8; Naval Observatory, August, 1889, to October, 1890; training-

ship "Richmond," October 1890, to March, 1891; "Monongahela," March, 1891, to June, 1893; "San Francisco," N. A. Station, June, 1893, to date.

John Lewis Purcell.—Entered the Naval Academy, September 29, 1873; *Midshipman*, June 16, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 28, 1892; served on the "Constellation," "Trenton" and "Quinnebaug," October, 1879, to March, 1881; "Minnesota" and "Jamestown," August, 1881, to November, 1882; Coast Survey and North Alaska Exploring Expedition, from August, 1883, to July, 1887; "Nipsic," October, 1887, to October, 1890; "Minnesota," January, 1891; recognition by Navy Department of efficient services on North Alaska Exploring Expedition; commendation in special report of Rear-Admiral L. A. Kimberly, U. S. N., for meritorious service in Apia, Samoa, March 15 and 16, 1889, published in printed report of Samoan disaster.

Reuben Oscar Bitler.—Appointed from Pennsylvania. Naval Academy, June 19, 1875; *Midshipman*, June 10, 1881; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 29, 1892; "Essex," Asiatic Station, 1883–5; Coast Survey steamer "Gedney," 1885–90; "Yantic," August, 1890, to July, 1891; R. S. "Vermont," July, 1891, to date.

Herman George Dresel.—Appointed from Ohio. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 2, 1892; special duty Smithsonian Institute, 1883–5; Naval Academy, 1888 to June, 1892; training-ship "Portsmouth," June, 1892, to date.

Harry Phelps.—Appointed from New Jersey. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 14, 1892; Coast Survey steamer "Bache," 1883–5; Naval Academy, 1888 to September, 1891; "Bennington," European Station, September, 1891, to date.

Patrick William Hourigan.—Appointed from New York. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 30, 1892; "Juniata," Asiatic Station, 1883–5; training-ship "Constellation," 1886–9; assistant to Light-House Inspector, 1889, to March, 1892; "Dolphin," special service, March, 1892, to date.

John Baptiste Bernadon.—Appointed at large. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 1, 1892; special duty, Corea, 1883–5; office Naval Intelligence, December, 1887, to February, 1891; "Newark," special service, February, 1891, to May, 1893; sick leave, May, 1893, to July, 1893; "Bennington," European Station, July, 1893, to date.

Homer Clarke Poundstone.—Appointed from West Virginia. Naval Academy, September 24, 1874; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 1, 1892; Asiatic Station, 1883–9; Coast Survey steamer "Patterson," 1890, to December, 1892; special duty World's Exposition, December, 1892, to August, 1893; "New York," S. A. Station, August 1893, to date.

Albert Ammerman Ackerman.—Appointed from New Jersey. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 21, 1892; special duty, Smithsonian Institute, 1882–3; Second

Greely Relief Expedition, U. S. S. "Yantic," 1883; Fish Commission steamer "Albatross," 1883–4; Greely Relief Expedition, U. S. relief steamer "Alert," 1884; U. S. S. "Ranger," 1884–7; ordnance duty, Navy Yard, Washington, D. C., 1887–90; "Philadelphia," N. A. Station, July, 1890, to June, 1893; leave of absence, June to August, 1893; Bureau of Ordnance, August, 1893, to date.

Albert Parker Niblack.—Appointed from Indiana. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), August 24, 1892; Pacific Squadron, 1880–81; North Atlantic Squadron, 1882; special duty, Smithsonian Institute, 1883; survey of Alaska, 1884–8; Ordnance Instruction, Torpedo Class, and Smithsonian Institute, 1888; "Chicago," Squadron of Evolution, 1889–92; sick leave and waiting orders, to March, 1893; Coast Survey steamer "Patterson," March, 1893, to November, 1893; temporary duty, Revision of Signal Book, Bureau of Navigation-November, 1893, to date.

William Truxton.—Appointed at large. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), November 18, 1892; Coast Survey steamer "Blake," 1883–5; "Quinnebaug," European Station, 1886–89; Office Naval Intelligence, July, 1889, to December, 1890; sick leave, December, 1890, to March, 1891; "Lancaster," Asiatic Station, March, 1891, to date.

Stokeley Morgan.—Appointed from Arkansas. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 4, 1892; "Juniata," Asiatic Station, 1883–5; Naval Academy, 1886–9; "Petrel," North Atlantic Station, 1889–91; "Thetis," special service, March, 1892, to July, 1893; Navy Yard, Washington, July, 1893, to date.

Francis Joy Haeseler.—Appointed from Pennsylvania. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), January 9, 1893; "Juniata," Asiatic Station, 1883–5; Naval Academy, 1886–9; "Boston," European Station, July, 1889, to September, 1892; Naval Academy, September, 1892, to date.

Edward Simpson.—Appointed at large. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), January 25, 1893; Coast Survey steamer "Blake," 1883–5; "Thetis," special service, 1887, to January, 1890; Office Naval Intelligence, February, 1890, to June, 1893; "Baltimore," Asiatic Station, June, 1893, to date.

William Carpenter Pendleton Muir.—Appointed from Kentucky. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), February 7, 1893; "Essex," Asiatic Station, 1883–5; Naval Academy, 1886–9; "Yantic," N. A. Station, September, 1889, to July, 1890; Coast Survey steamer "Blake," July, 1890, to December, 1892; Bureau of Equipment, December, 1892, to September, 1893; "Linsley Institute," Wheeling, W. Va., September, 1893, to date.

Joseph Beale.—Appointed from Pennsylvania. Naval Academy, October 12, 1874; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), February 17, 1893; "Swatara" and "Alert," Asiatic Station, August, 1880, to July, 1882;

"Juniata," "Lancaster" and "Trenton," European and S. A. Stations, November, 1882, to November, 1887; Inspector of Steel, new cruisers, 1888–9; "Mohican," Pacific Station, March, 1889, to December, 1892; R. S. "Vermont," July, 1893, to date.

Edward Faysson Leiper.—Appointed from Pennsylvania. Naval Academy, June 25, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), February 25, 1893; Coast Survey steamer "Arago," 1883–4; "Dolphin," special service, 1886–9; special duty Electric Lights, December, 1889, to June, 1893; "Concord," Asiatic Station, June, 1893, to date.

Joseph Hamilton Rohrbacher.—Appointed from Pennsylvania. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), March 7, 1894; "Juniata," Asiatic Station, 1884–5; Inspector of Steel, new cruisers, 1887–9; "Pensacola," special service, May, 1889, to July, 1890; Coast Survey steamer "Blake," July, 1890, to June, 1892; Inspector of Steel, Homestead, Pa., August, 1892, to date.

James Calhoun Drake.—Appointed from Arkansas. Naval Academy, June 25, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), April 27, 1893; Coast Survey, 1882–3; special duty, Navy Department, 1883; "Yantic," North Atlantic Station, 1884–5; commanding Coast Survey schooners "Scoresby" and "Ready," 1886 to March, 1890; "Alliance," Asiatic and Pacific Stations, May, 1890, to April, 1893; leave of absence, April, 1893, to October, 1893; Office Naval Intelligence, October, 1893, to date.

William Sowden Sims.—Appointed from Pennsylvania. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 9, 1893; "Swatara," N. A. Station, 1883–5; leave of absence, 1888; Nautical school-ship "Saratoga," December, 1889, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to date.

Miles Carpenter Gorgas.—Appointed at large. Naval Academy, September 18, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), May 15, 1893; Coast Survey steamer "Blake," 1883–5; "Thetis," special service, 1886 to January, 1890; Midvale Steel Works, March, 1890, to August, 1892; training-ship "Richmond," August, 1892, to April, 1893; "Detroit," S. A. Station, April, 1893, to date.

Louis Sayre Van Duzer.—Appointed from New York. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 10, 1893; on leave, 1884; Coast Survey schooner "Eagre," 1888–9; Hydrographic Office, August, 1889, to March, 1892; "Miantonomah," N. A. Station, March, 1892, to September, 1893; "Yantic," S. A. Station, September, 1893, to date.

Wilson Wildman Buchanan.—Appointed from Ohio. Naval Academy, June 25, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 27, 1893; "Alert," Asiatic Station, 1883–5; "Dolphin," special service, 1888 to July, 1890; Coast Survey steamer "Bache," July, 1890, to October, 1892; Bureau of Equipment, October, 1892, to date.

Augustus Newkirk Mayer.—Appointed from Iowa. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March

3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 27, 1893; "Juniata," Asiatic Station, 1883–5; Naval Observatory, 1886–89; "Pensacola," special service, April, 1889, to July, 1890; Coast Survey steamer "Gedney," July, 1890, to December, 1892; leave of absence, December, 1892, to March, 1893; Naval Observatory, March, 1893, to date.

Frederick Rowland Brainard.—Appointed from Illinois. Naval Academy, June 24, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 27, 1893; Coast Survey steamer "Drift," 1883–5; "Ossipee," N. A. Station, 1886, to 1889; waiting orders, March, 1889, to July, 1890; Inspector of Steel, Bethlehem, Pa., July, 1890, to December, 1892; "Kearsarge," N. A. Station, December, 1892, to date.

William Edwin Safford.—Appointed from Ohio. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 4, 1893; special duty Smithsonian Institute, 1883-5; Naval Academy, 1888–90; World's Columbian Exposition, December, 1890, to May, 1893; "Alliance," Pacific Station, May, 1893, to August, 1893; waiting orders, August, 1893, to date.

William John Maxwell.—Appointed at large. Naval Academy, June 9, 1874; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 4, 1893; training-ship "Jamestown," 1883–5; waiting orders, 1888, to April, 1889; "Galena," N. A. Station, April, 1889, to May, 1890; "Dolphin," special service, July, 1890, to March, 1891; "Vesuvius," N. A. Station, March, 1891, to July, 1892; Assistant to Inspector 5th Light-House District, July, 1892, to date.

Franklin Swift.—Appointed from Massachusetts. Naval Academy, June 9, 1874; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 4, 1893; "Brooklyn," Asiatic Station, 1883–5; Coast Survey steamer "Bache," 1886–89; "Petrel," unassigned, November, 1889, to August, 1891; leave of absence, August, 1891, to July, 1892; Coast Survey steamer "Blake," July, 1892, to date.

John Frazer Luby.—Appointed from New York. Naval Academy, June 25, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 22, 1893; training-ship "Jamestown," 1883–5; Coast Survey steamer "Bache," 1888, to October, 1891; training-ship "Richmond," October, 1891, to June, 1892; Nautical School-ship "Saratoga," June, 1892, to date.

Lewis Jacob Clark.—Appointed from Alabama. Naval Academy, September 22, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), September 15, 1893; "Enterprise," Asiatic Station, 1883–6; "Ranger," N. Pacific Station, 1887–90; training-ship "Richmond," October, 1890, to September, 1891; Coast Survey steamer "Hassler," September, 1891, to date.

Theodore Gibbs Dewey.—Appointed from South Carolina. Naval Academy, June 25, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), September 27, 1893; Coast Survey sloop "Steadfast," 1883–6; "Thetis," special service, 1887–9; R. S. "Independence," December, 1889, to December, 1891; "Chicago," S. A. Station, December, 1891, to date.

Hugh Rodman.—Appointed from Kentucky. Naval Academy, September 18, 1875; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March

3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), October 1, 1893; "Wachusett," Pacific Station, 1883–5; "Essex," 1886–9; Hydrographic Office, July, 1889, to October, 1890; Naval Observatory, October, 1890, to November, 1891; Coast Survey steamer "Patterson," April, 1891, to date.

John Adrian Hoogewerff.—Appointed at large. Naval Academy, June 27, 1877; Naval Cadet, August 5, 1882; *Ensign* (junior grade), July 1, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), November 5, 1893; Naval Observatory, 1883–5; "Brooklyn," 1885–9; Naval Observatory, June, 1889, to July, 1892; "Charleston," Special Service Squadron, July, 1892, to date.

Robert Brooke Dashiell.—Appointed at large; Naval Academy, June 27, 1877; *Naval Cadet*, August 5, 1882; *Ensign* (junior grade), July 1, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), December 26, 1893; Experimental Battery, Annapolis, Md., 1883–5; Naval Ordnance Proving Ground, 1888, to June, 1893; Cramp's Ship Yard, Philadelphia, June, 1893, to August, 1893; "New York," S. A. Station, August, 1893, to date.

Edward Everett Capehart.—Appointed from 16th District, Ohio. Naval Academy, June 22, 1877; *Naval Cadet*, August 5, 1882; *Ensign* (junior grade), July 1, 1883; *Ensign*, June 26, 1884; *Lieutenant*, (junior grade), December 26, 1893; "Lancaster," European Station, 1881–3; present at bombardment of Alexandria and landed with American troops, July, 1882; "Galena," N. A. Station, 1883–6; ashore at Aspinwall during fight and burning of that city, April, 1885; Naval Academy, 1886–90; "Enterprise," "Atlanta" and "Chicago," N. A. Station, July, 1890, to June, 1893; Torpedo Station, June, 1893, to date.

Not in line of promotion.

Robert Platt.—Born in District of Columbia. *Acting Master*, March 3, 1863, previous to which he had held a temporary appointment as *Acting Ensign* at the time he piloted the iron-clad fleet into Charleston, so that in case he should be taken prisoner he would not be treated as a spy, as he was well known in Charleston, S. C. After the fight Admiral Dupont sent his appointment as Acting Master, dated March 1, 1863; he was wounded in that fight by a bolt being knocked through the top of the pilot-house by a shot from Fort Sumter; was on board of the monitor "Weehawkin," Captain John Rodgers. He did not leave the pilot-house after being wounded, but was held up to the sight slots by Captain Rodgers, and continued to pilot the fleet through the whole fight. He has commanded, since the war, steamers "Bibb," "Corwin," "Bache," and schooner "Drift," on Coast Survey duty. Promoted *Lieutenant* (junior grade), March 3, 1883.

MEDICAL CORPS.

SURGEON-GENERAL.

J. Rufus Tryon.—Born in New York. Graduated from Union College, Schenectady, N. Y., class of 1858, degree of A. B. A. M. in course, and from medical department University of Pennsylvania, March, 1861, degree M. D. Appointed *Assistant Surgeon*, September 22, 1863; West Gulf Squadron, 1863–5; after the fight at Mobile Bay had the wounded under his charge at Naval Hospital, Pensacola, Fla.; Naval Hospital, Boston, 1865–6; detailed to make a special report for the Department of the wounded treated there during the war; Assistant Bureau of Medicine and Surgery, 1866–70. Promoted to *Passed Assistant Surgeon*, 1866; to *Surgeon*, 1873; Asiatic Station, 1870–3; had charge, during that time, of the temporary Small Pox Hospital at Yokohama, during the epidemic of that disease in 1871, and also appointed by Rear-Admiral John Rodgers, then in command of the Station, to superintend the building of the present U. S. Naval Hospital at Yokohama, Japan; special duty, New York, and yellow fever epidemic, Navy Yard, Pensacola, Fla., 1873–6; N. A. Station, 1876–9; special duty, New York, 1879–82; "Alaska," Pacific Station, South Pacific Coast and Sandwich Islands, 1882–3; member Examining Board, Philadelphia, 1883–4; delegate International Medical Congress at Copenhagen, Denmark, 1884; afterwards "Quinnebaug," European Station and African coast, until 1887; Marine Rendezvous, New York, 1888; special duty and member of Medical Examining Board, New York, 1888–91; received the honorary degree of Ph. D., Union College, 1891. Promoted *Medical Inspector*, September 22, 1891; 1891–3, flag-ship "Chicago," N. A. Station; duty at Montevideo, Uraguay, and La Guayra, Venezuela. Received the decoration of the "Busto del Libertadon" for services rendered the wounded of both parties at Macuto during the revolution in Venezuela. Promoted to *Surgeon General* U. S. Navy, with rank of *Commodore*, and Chief of Bureau of Medicine and Surgery, Navy Department, May 10, 1893.

MEDICAL DIRECTORS ON THE ACTIVE LIST.

Albert Leary Gihon.—Born in Philadelphia, Pa, September 28, 1833. Received degrees of A. B. (Philadelphia), 1850; M. D. (Philadelphia), 1852; A. M. (Princeton), 1854, and Philadelphia, 1855; Professor of Chemistry and Toxicology, in Philadelphia College of Medicine and Surgery, 1853–4; entered Navy as *Assistant Surgeon*, May 1, 1855; first duty on board receiving-ship "Union," Navy Yard, Philadelphia; attached to sloop-of-war "Levant," East India Station, 1855–8; was with Commander (Admiral) A. H. Foote, and Lieutenant (Commodore) W. H. Macomb, in the sloop-of-war "Portsmouth's" boat, November 15, 1856, when fired upon by the Chinese, while attempting to pass the Barrier Forts, on the Pearl River, near Canton, and participated in the subsequent engagements, which resulted in the capture of these forts, November 16, 20, 21, and 22, 1856; attached to brig "Dolphin," 1858–9, during Paraguay Expedition; and to

sloop-of-war "Preble," 1859, on the coast of Central America and Panama. *Passed Assistant Surgeon*, May 1, 1860; U. S. Naval Hospital, Brooklyn, N. Y., 1860–1; brig "Perry," 1861, on the blockade of Fernandina, Fla., and cruising off the Atlantic coast of the Southern States, when the rebel privateer "Savannah" was captured, May 1, 1861. Promoted to *Surgeon*, August 1, 1861; Naval Rendezvous, New York; sloop-of-war "St. Louis," 1862–5, on special service upon European Station and cruising among the Atlantic islands, after Confederate steamers "Alabama," "Florida," and "Georgia;" and in latter part of 1864, on blockade of coast of South Carolina; Senior Medical Officer, Navy Yard, Portsmouth, N. H., 1865–8; attached to store-ship "Idaho," 1868–70, anchored off Nagasaki, Japan, as hospital-ship for Asiatic Station, and was on board during the memorable typhoon of September 21, 1869, when ship was wrecked by passing through centre of the cyclone with barometer at 27.62; for services rendered Portuguese colony at Dilly, Island of Timor, and the Portuguese men-of-war "Principe Dom Carlos" and "Sa da Bandeira," received from the King of Portugal, with consent of Congress, the decoration of Knight of the Military Order of Christ; for services to H. B. M. ships "Flint" and "Dawn," the thanks of the British Government; and for similar services to the French gunboat "Scorpion," those of the commander-in-chief of the French East India Station; special duty at Brooklyn, New York, 1870; subsequently Marine Rendezvous, Philadelphia; and later, member of Naval Medical Board of Examiners, at Philadelphia, 1870–2, and at Washington, 1872–3. Promoted to *Medical Inspector*, November 7, 1872; special duty at Bureau of Medicine and Surgery, Navy Department, 1873, and same year ordered to flag-ship "Wabash," as surgeon of the fleet, on the European Station; at Key West, Fla., with Naval Expedition of 1874, and returned to European Station as surgeon of the fleet, on board flag-ship "Franklin," 1874–5; head of medical department, Naval Academy, Annapolis, Md., 1875–80; at request of Chief of Bureau of Medicine and Surgery, designed and superintended construction of model of hospital-ship for Centennial Exhibition, at Philadelphia, 1876, and at same exhibition presented "Ambulance Cot" bearing his name, which was approved by Board of Officers, July 5, 1877, and adopted for use in the Navy; appointed Inspector of Recruits and Recruiting Stations, November 20, 1878. Commissioned as *Medical Director*, August 20, 1879, and ordered in charge of Naval Hospital, Norfolk, Va., 1880; member of Board of Inspection of the Navy, 1880–3; in charge of Naval Hospital, Washington, D. C., 1883–6; of Naval Hospital, Mare Island, Cal., 1886–8; and of Naval Hospital, Brooklyn, N. Y., 1888–92; special duty, New York, 1892–3; in charge of Naval Hospital, Washington, July, 1893, to date; has represented Medical Department of the Navy in the American Medical Association, as delegate and permanent member, annually, since 1876; elected Chairman of Section on State Medicine, 1882, and Vice-President of the Association, 1884; Chairman of the Rush Monument Committee, 1885–93; delegate and permanent member of the American Public Health Association, since 1876; elected second Vice-President, 1881; First Vice-President, 1882, and President, 1883; Fellow of the American Academy of Medicine since 1883, and elected Vice-President, 1883, and President, 1884; President of the Naval Medical Society, 1883–4; member of the American Climatological Association since 1887; elected First Vice-President, 1889; President of Section on Climatology and Demography of the Ninth International Medical Congress convened at Washington, September 5, 1887; appointed delegate to represent the Medical Department of the Navy, at the annual meeting of the

British Medical Association held at Birmingham, England, July 29, 1890; delegate to the Tenth International Medical Congress convened at Berlin, August 2, 1890; and elected Honorary President of the Section on Medical Geography and Climatology, and of Section on Military and Naval Hygiene; member of Triennial Congress of American Physicians and Surgeons, Washington, September, 1891; President of Section on Hygiene, Climatology and Demography of the Pan-American Medical Congress convened at Washington, September 5, 1893; member of the State Medical Societies of New Hampshire, West Virginia, and California, and of the Medical Society of the District of Columbia; Fellow of the New York Academy of Medicine; member of the Academy of Natural Sciences of Philadelphia; of the Pennsylvania Historical Society, of the American Philosophical Society, of the Biological Society of Washington, of the Trinity Historical Society of Dallas, Texas, of the Military Order of the Loyal Legion of the United States, of the Association of Military Surgeons of the United States, and of the National Academy of Medicine of Mexico; Honorary Member of the Société Française d'Hygiène; and corresponding member of the Société des Sciences Physiques, Naturelles et Climatologiques de l'Algérie; Associate Editor of the Annual of the Universal Medical Sciences, 1887–93; author of "A Look at Lisbon," 1866; "A Night in a Typhoon," 1870; "Practical Suggestions in Naval Hygiene," 1871–2–3; "A Summer Cruise among the Atlantic Islands," 1875; "Sanitary Reform in Ship Life," 1876; "Sanitary Commonplaces applied to the Navy," 1877; "Statistics of Adolescent Growth," 1879; "Transportation of Sick and Wounded," 1879; "The Prevention of Venereal for the Protection of the Innocent and Helpless," 1879–82; "Health the True Nobility," 1881; "State Medicine," 1882; "Medical Education the Fundamental Fact in Medical Ethics," 1883; "The Higher Plane in Medicine," 1883; "Vital Statistics as Sanitary Monitors," 1883; "Thirty Years of Sanitary Progress in the Navy," 1884; "The Sanitary Responsibilities of the Citizen," 1884; "The Trade Aspect of Medicine," 1884; "The Dignity and Importance of the Individual," 1885; "Sanitary Ignorance among High and Low," 1885; "What is Medicine?" 1885; "Economic Sanitation," 1886; "The Domain of Climatology and Demography," 1887; "The Therapy of Ocean Climate," 1889; "The Place of Naval and Military Medicine in the Profession," 1890; "The Hospital; an Element and Exponent of Medical Education, 1892; "Intelligent Progress in Medicine," 1892; "Sanitary Motes and Beams," 1893; "On Doctors in general and one in particular, Surgeon-General Benjamin Rush, of the Revolutionary Army," 1894.

Richard C. Dean.—Born in Pennsylvania. Appointed from New Jersey, April 17, 1856; entered the service as *Assistant Surgeon*; attached to sloop "Dale," coast of Africa, 1857–9; steamer "Crusader," Home Squadron, 1860; steam-sloop "Wyandotte," 1861; steam-sloop "Tuscarora," special service, 1861–3. Commissioned as *Surgeon*, August 1, 1861; steam-sloop "Tuscarora," North Atlantic Blockading Squadron, 1864; Naval Academy, 1865–6; steam-sloop "Sacramento," special service, 1867; steamer "Michigan," on the lakes, 1868–9; assistant to Chief of Bureau of Medicine, 1870–4. Commissioned as *Medical Inspector*, June 8, 1873; frigate "Congress," European Station, 1874–6; member of Examining and Retiring Boards, 1877–8; member of Board of Inspection, 1879. Commissioned as *Medical Director*, June, 1880; Naval Hospital, Philadelphia, 1880–3; Naval Hospital, New York, March, 1883–6; member of Examining and Retiring Boards, 1886–7; Naval Hospital, Chelsea, 1887–91; member of Examining Board, January, 1891, to June, 1893; special duty in Europe, June, 1893,

to December, 1893; President Medical Examining Board, December, 1893, to date.

A. C. Gorgas.—Born in Pennsylvania. Appointed from Pennsylvania, August 30, 1856, as *Assistant Surgeon;* attached to sloop "Germantown," East India Station, 1857–60; receiving-ship "North Carolina," New York, 1860; steamer "Crusader," Home Squadron, 1861. Commissioned as *Surgeon,* October 13, 1861; sloop "Vandalia," South Atlantic Blockading Squadron, 1861–3; Naval Hospital, Norfolk, 1863–4; steam-sloop "Juniata," South Atlantic Blockading Squadron, 1864–5; steam-sloop "Juniata," Brazil Station, 1865–7; Fleet-Surgeon, Brazil Squadron, on board flag-ship "Brooklyn," 1867; Navy Yard, Portsmouth, N. H., 1867–70; U. S. S. "Brooklyn," European Station, 1870–3; Fleet-Surgeon, European Station, on board flag-ship "Wabash," 1873; Naval Hospital, Annapolis, 1873–7; Fleet-Surgeon, South Atlantic Station, on board flag-ship "Hartford," 1877–9; Naval Academy, 1880–2; Naval Hospital, Chelsea, 1882–5; President Naval Medical Examining Board, 1885–9; Naval Hospital, Philadelphia, 1889 to May, 1893; special duty Philadelphia, June, 1893, to August, 1893; Naval Museum of Hygiene, August, 1893, to date; present at the bombardment and taking of Fort Pulaski, and at the battle at Fort Fisher. Commissioned *Medical Inspector,* October 6, 1873, and *Medical Director,* March 4, 1884.

David Kindleberger.—Born in Ohio, September 2, 1834. Appointed from Ohio, May 20, 1859; entered the service as *Assistant Surgeon;* attached to steam-sloop "San Jacinto," coast of Africa, June 10, to December 20, 1859; sloop "Portsmouth," coast of Africa, December, 1859, to October, 1861; Navy Yard, Philadelphia, December, 1861, to February, 1862; steamer "Miami," West Gulf Blockading Squadron, February to May, 1862; present at the passage of Forts Jackson and St. Philip, and capture of New Orleans; Navy Yard, Philadelphia, July to August, 1862. Commissioned as *Surgeon,* August 14, 1862; steam-sloop "Monongahela," North Atlantic Blockading Squadron, December, 1862–3; West Gulf Blockading Squadron, 1864–5; was in the actions of Port Hudson, Donaldsonville, forts of Mobile Bay, and the rebel ram "Tennessee;" gunboat "Itasca," April to September, 1865; leave of absence, September, 1865, to October, 1866; steamer "De Soto," North Atlantic Squadron, October, 1866, to January, 1868; was in her during the great earthquake at St. Thomas, October, 1867, when she came near being lost by the tidal waves; Marine Rendezvous, Washington, May to July, 1869; receiving-ship "Independence," Mare Island, California, July to August, 1869; Naval Rendezvous, San Francisco, California, 1869–71; "Wachusett," European Station, 1872–4; member Retiring and Examining Boards, 1874–7; Fleet-Surgeon, Asiatic Station, 1877–80. Commissioned as *Medical Inspector,* 1877; member of Examining and Retiring Board, March 2, 1880–4. Commissioned *Medical Director,* August, 1884; Fleet-Surgeon, Pacific Station, 1884; Naval Hospital, Washington, 1886–8; member Medical Examining Board, 1888–91; special duty, Philadelphia, June, 1891, to May, 1893; Naval Hospital, Philadelphia, May, 1893, to date.

C. J. Cleborne.—Born in Scotland, December 16, 1838. A graduate of the University of Pennsylvania, March 15, 1860; elected a member of Academy of Natural Sciences, July 31, 1860; appointed from Pennsylvania, May 9, 1861, as an *Assistant Surgeon* with rank of *Master;* and attached to sloop-of-war "Jamestown," North Atlantic Squadron, from May, 1861, to January, 1862; participated in destruction of the "Alvarado" under batter-

ies at Fernandina, August 5, 1861; ordered to sloop-of-war "Dale," South Atlantic Squadron, expedition to Stono River; engagements on South Edisto, and service with Forty-fifth Pennsylvania Regiment at Otter Island, S. C., 1862; ordered to gunboat "Aroostook," West Gulf Squadron, 1863; operations off Mobile, 1863. Commissioned *Surgeon* with rank of *Lieutenant-Commander*, November 24, 1863; at Naval Rendezvous, Philadelphia, 1864; ordered to U. S. S. "Ticonderoga," South Atlantic Squadron, and coast of Brazil, 1864–5; present at both battles of Fort Fisher, December, 1864 (where the "Ticonderoga," soon after going into action, lost, by the bursting of her Parrot-gun, twenty-one killed and wounded); present at bombardment and capture of Fort Fisher, January 15, 1865; ordered as Judge Advocate of Naval Retiring Board, Philadelphia, 1865; attached to flag-ship "Rhode Island," West India Squadron, 1866, and in charge of U. S. S. "Bienville," during epidemic of yellow fever, 1866; Judge Advocate of Naval Retiring Board, 1867; elected member of Conchological Society of Philadelphia, March 7, 1867; on sloop-of-war "Saratoga," 1868–9; flag-ship "Powhatan," 1870; member of Naval Medical Examining Board, 1870; ordered to Naval Station, League Island, 1871; elected member of Pennsylvania Historical Society, September 23, 1872; attached to sloops-of-war "Juniata," "Plymouth," "Brooklyn" and "Congress," European Squadron, 1872–4; ordered to Navy Yard, Portsmouth, N. H., 1875–8; delegate to American Medical Association, 1876. Commissioned as *Medical Inspector* with rank of *Commander*, January 6, 1878; on special duty at Portsmouth from November, 1878, to April, 1879; ordered to flag-ship "Tennessee" as Fleet-Surgeon of North Atlantic Fleet, 1879–81; attached to Navy Yard, Portsmouth, 1881–4; elected member of Historical Society of Virginia, 1883; member of Medical Examining Board, Philadelphia, 1884–7; appointed one of the Vice-Presidents of the International Medical Congress, June 4, 1886; Chairman of the Medical Committee of the Constitutional Centennial, 1887; organized Volunteer Medical Corps of the Centennial, September, 1887. Commissioned *Medical Director* with rank of *Captain*, September, 1887; elected President of Volunteer Medical Association of Philadelphia, 1887; Director of Naval Hospital, Norfolk, Va., January, 1888, to April, 1891; Director of Naval Hospital, Chelsea, Mass., April, 1891, to date.

Michael Bradley.—Born in Pennsylvania. Commissioned as *Assistant Surgeon*, July 10, 1861; August following, ordered to the gunboat "Louisiana," North Atlantic Squadron; present at the battle and capture of Roanoke Island, North Carolina, February 7, 1862; in the naval engagement, Pasquotank River, that ended in the destruction of the Confederate fleet under Commodore Lynch, February 11, 1862; battle and capture of Elizabeth City, North Carolina, February 11, 1862; capture of Edenton, Albemarle Sound, North Carolina; battle and capture of Newbern, North Carolina, March 14, 1862; capture of Washington, on the Pamlico River, and at the battle and capture of Winton, on the Chowan River, North Carolina. In the fall of 1862, part of the Southern Army of Virginia made a furious attack on Washington, North Carolina, and for a time held possession of the town. In the engagement that followed, the army gunboat "Picket," before firing a shot, blew up, killing thirty-nine of her crew (eighty men), including the commanding officer, Captain Nicholls, of the Revenue service. The "Louisiana" alone, succeeded in driving the enemy out, with great loss. April 1, 1863, the enemy held all the approaches to Washington, North Carolina, and for twelve successive days the "Louisiana" was the target for

shifting swamp batteries. In the summer of 1863, detached from the "Louisiana," and ordered to the flag-ship "Minnesota," on blockade duty off Fort Fisher, North Carolina; December, 1863, detached from the "Minnesota," and ordered to Philadelphia, Pennsylvania; spring of 1864, promoted to *Passed Assistant Surgeon;* July 4, 1864, reported for duty on the flag-ship "Black Hawk," Mississippi Squadron; December, 1864, temporarily detached and ordered to the iron-clad "Reindeer," to engage the field batteries placed on both sides of the Cumberland River by General Hood, to protect his columns in crossing when pursued by General Thomas; a few days afterward transferred to the iron-clad "Neosho," Admiral S. P. Lee in command, and engaged the batteries on both sides of the Tennessee River, at Florence, Alabama; detached from the "Black Hawk," February 14, 1865, and ordered to the hospital-ship "Red Rover," as aide to Fleet-Surgeon Ninian Pinkney. Commissioned *Surgeon*, June 12, 1865; at the breaking up of the Mississippi Squadron, July, 1865, detached, and waiting orders; January, 1866, ordered to the steamer "Michigan;" detached, March, 1868, and the following month ordered to San Francisco, California, by sea, to join the steamer "Tuscarora," for duty in the South Pacific; ship remained on the station about one year, when she was ordered, *via* Strait of Magellan, to the West India Station; detached from the "Tuscarora," January, 1871, and waiting orders; November, 1871, ordered to Mound City Station, Illinois; detached, December, 1872; January, 1873, reported for duty at the Navy Yard, New York; detached the following May, and waiting orders; August, 1873, ordered to steamer "Alaska," European Station; detached September, 1876; January 21, 1878, ordered to the flag-ship "Powhatan," as Fleet-Surgeon of the North Atlantic Fleet; Navy Yard, Norfolk, 1878–9. Commissioned *Medical Inspector*, December, 1884; Fleet-Surgeon, S. A. Squadron, September, 1879–82; Navy Yard, League Island, June, 1882–6; Naval Hospital, Norfolk, 1886–8. Promoted to *Medical Director*, June, 1888; special duty, Philadelphia, 1889–91; Member Medical Examining Board, June, 1891, to date.

Newton L. Bates.—Born in New York. Appointed from New York, July 30, 1861; entered the service as *Assistant Surgeon;* attached to the U. S. Naval Hospital, New York, 1861; U. S. S. "Seneca," S. A. Squadron, 1861–2; U. S. Naval Laboratory, New York, 1862–3; U. S. S. "Benton," Mississippi Squadron, 1863–4; U. S. Naval Laboratory, New York, 1864–7. Commissioned *Surgeon*, September 16, 1865; attached to U. S. S. "Portsmouth," 1867–8; U. S. S. "Swatara," 1868–9; U. S. S. "Miantonomah," 1869–70; U. S. S. "Pawnee," 1870–1; U. S. Navy Yard, Norfolk, 1871–3; U. S. flag-ship "Brooklyn" (Fleet-Surgeon), 1873–6; U. S. S. "Minnesota," 1876–7; member Board of Examiners, 1878–80. Commissioned *Medical Inspector*, January, 1881; in charge of Naval Hospital, Yokohama, 1880–2; flag-ship "Lancaster" (Surgeon of Fleet), 1882–4; special duty (attending surgeon), Washington, 1884–7; flag-ship "Trenton," 1887; flagship "Richmond," 1888; flag-ship "Pensacola," 1888; *Medical Director*, September, 1888; in charge of Naval Hospital, Mare Island, Cal., February, 1890, to April, 1892; waiting orders, April, 1892, to March, 1893; member Medical Examining Board, March, 1893, to date.

Philip S. Wales.—Born in Maryland. Appointed from Maryland, August 7, 1856; entered the service as *Assistant Surgeon;* attached to Naval Academy, 1857; steam-frigate "Mississippi," East India Squadron, 1858–60; steamer "Water Witch," 1861. Commissioned as *Surgeon*, October 12, 1861; Naval Hospital, Norfolk, 1863; steamer "Fort Jackson," North

Atlantic Blockading Squadron, 1864; steamer "Fort Jackson," West Gulf Blockading Squadron, 1865; Examining Board, 1868; sloop "Portsmouth," South Atlantic Squadron, 1868–9; steam-sloop "Guerriere," European Station, 1870–2; member Board of Examiners, 1872–4. Commissioned as *Medical Inspector*, June 30, 1873; special duty, Washington, 1874–8; appointed Chief of Bureau of Medicine and Surgery, January 1880, and remained in that position until his term expired in 1884; special duty, Washington, 1884–7. Commissioned as *Medical Director*, October, 1881. Charge Museum of Hygiene, Washington, D. C., August, 1890, to June, 1893; member of Retiring Board, June, 1893, to date.

Edward S. Bogert.—Born in New York. Appointed from New York, July 30, 1861. Entered the service as *Assistant Surgeon;* attached to frigate "Congress," 1861; attached to steam-gunboat "Cayuga," West Gulf Blockading Squadron, 1861–3; participated in the passage of the forts below New Orleans, and action with rebel gunboats, and subsequent campaign in the Mississippi River; Naval Hospital, New York, 1864; steam-frigate "Niagara," special service, 1864; Naval Hospital, New York, 1866. Commissioned as *Surgeon*, April 7, 1866; Naval Laboratory, New York, 1867–70; "Congress," special service, 1870–2; Recorder Board of Examiners, 1873; Marine Barracks, Brooklyn, 1873–7; "Monongahela," Asiatic Squadron, 1877–9; Marine Barracks, Brooklyn, 1879–82. Commissioned as *Medical Inspector*, September, 1882; Navy Yard, Norfolk, June, 1882–4; Fleet-Surgeon, Asiatic Station, 1884–6; Navy Yard, New York, 1886–9; President Medical Examining Board, New York, 1889 to April, 1892. Commissioned as *Medical Director*, November, 1889; Naval Hospital, New York, April, 1892, to date.

Walter K. Schofield.—Born in Connecticut. Appointed from Connecticut, July 30, 1861. Entered the service as *Assistant Surgeon;* attached to steam-gunboat "Sagamore," East Gulf Blockading Squadron, 1861–3; steamer "Union," East Gulf Blockading Squadron, 1864; Naval Hospital, Norfolk, 1865–6; steamer "Augusta," European Squadron, 1866–7. Commissioned as *Surgeon*, June 19, 1866; Naval Rendezvous, Boston, 1868; sloop "Saratoga," North Atlantic Squadron, 1869; iron-clad "Terror," special service, 1870; R. S. "Vermont," 1871–2; "Lackawanna," Asiatic Station, 1873–5; R. S. "Wabash," 1875–9; Fleet-Surgeon, Pacific Station, 1881–2; Navy Yard, Mare Island, 1882–6. Commissioned as *Medical Inspector*, November, 1883; "Lancaster," European Station, 1887–9; special duty, New York, 1889–92. Commissioned as *Medical Director*, February 8, 1889; leave of absence, April, 1892, to date.

Grove S. Beardsley.—Born in New York. Appointed from New York, July 30, 1861. Entered the service as *Assistant Surgeon;* attached to steam-sloop "Lancaster," Pacific Squadron, 1861–4; West Gulf Blockading Squadron, 1865; steam-sloop "Brooklyn," flag-ship, Brazil Squadron, 1866, and South Atlantic Squadron, 1867. Commissioned as *Surgeon*, July 25, 1866; receiving-ship "Independence," San Francisco, 1868–9; "St. Mary's," Pacific Fleet, 1870–3; Naval Hospital, Norfolk, 1873; Navy Yard, Boston, 1874–7; Navy Yard, New York, 1877–80; "Galena," European Station, 1881–4. Commissioned as *Medical Inspector*, April, 1884; "Brooklyn," flag-ship, Asiatic Station, 1886–9; Navy Yard, Washington, May, 1890, to June, 1893. Commissioned as *Medical Director*, January 22, 1891; member Retiring Board, June, 1893, to date.

Henry M. Wells.—Born in Massachusetts. Appointed from Massachusetts, July 30, 1861. Entered the service as *Assistant Surgeon;* attached

to Naval Rendezvous and Hospital, Boston, 1861; sloop "Portsmouth" and steamer "Tennessee," West Gulf Blockading Squadron, 1861–3; participated in engagements with Forts Jackson and St. Philip, in April, 1862; batteries at Donaldsonville, Grand Gulf, Port Hudson, and Vicksburg, on the Mississippi River, in 1862–3; receiving-ship and hospital, Boston, 1864; frigate "Sabine," 1864; iron-clad "Onondaga," North Atlantic Blockading Squadron, 1865; batteries on James River, Virginia, 1865; Navy Yard, Washington, District of Columbia, and steamer "Shamokin," Brazil Squadron, 1865–68. Commissioned as *Surgeon*, October 9, 1866; Naval Hospital, New York, 1869–71; "Canandaigua," 1872–5; R. S. "Colorado," 1876–8; "Ticonderoga," special service, 1878–80; U. S. Naval Laboratory and Hospital, New York, 1881–4. Promoted to *Medical Inspector*, August, 1884; flag-ship "Lancaster," European and South Atlantic Stations, 1884–7; in charge of Museum of Hygiene, Washington, D. C., 1888–90; Naval Hospital, Washington, July, 1890, to July, 1893. Commissioned *Medical Director*, September 22, 1891; member Medical Examining Board, July, 1893, to August, 1893; Naval Laboratory, New York, August, 1893, to date.

John H. Clark.—Born in New Hampshire. Appointed from New Hampshire, October 19, 1861. Entered the service as *Assistant Surgeon;* attached to West Gulf Blockading Squadron, 1861–4; Navy Yard, Portsmouth, New Hampshire, 1865; steamer "Mahongo," Pacific Squadron, 1865–7. Commissioned as *Surgeon*, May 14, 1867; receiving-ship "Portsmouth," New Hampshire, 1868–9; steam-sloop "Alaska," 1870; December 1, 1869, to February 27, 1873, steamer "Alaska," Asiatic Station; February 28, 1873, to March 31, 1873, waiting orders at home (Amherst, New Hampshire); April 1, 1873, to June 14, 1873, Naval Rendezvous, New York City; June 15, 1873, to November 15, 1875, Naval Hospital, Chelsea, Massachusetts; November 16, 1875, to January 17, 1876, steamer "Hartford," North Atlantic Station; March 1, 1876, to October 1, 1878, U. S S. "New Hampshire," N. A. Station; October, 1878 to April, 1883, receiving-ship "Wabash," Boston Navy Yard; temporarily ordered as member of Naval Medical Examining Board in 1881–3; April, 1883, to November, 1884, U. S. S. "Lackawanna," Pacific Station; November, 1884, to April, 1886, Fleet-Surgeon, Pacific Station; January 8, 1885, commissioned as *Medical Inspector;* May, 1886, to September, 1886, waiting orders; September, 1886, to January, 1888, special duty, Portsmouth, N. H.; January, 1888, to January, 1890, member of Naval Medical Examining Board; Fleet-Surgeon, Pacific Station, January, 1890, to October, 1892; waiting orders, October, 1892, to May, 1893; *Medical Director*, March 4, 1893; President Board of Medical Examiners, New York, May, 1893, to date.

A. A. Hoehling.—Appointed an *Assistant Surgeon* by Hon. Gideon Welles, Secretary of Navy, August 14, 1861; became *Passed Assistant Surgeon*, April 24, 1865, and commissioned as such from January 24, 1862, by the President and Senate of the United States. Commissioned a *Surgeon* from the 2d of October, 1867; *Medical Inspector* from the 31st of January, 1885 Promoted *Medical Director*, May 11, 1893. Reported for duty at the Navy Yard, Washington, D. C., on Oct. 22, 1861; on Dec. 11, 1861, reported for duty in the Bomb Flotilla, under the command of Commander D. D. Porter, and while therein served on board the U. S. schooners "T. A. Ward" and "Dan Smith," which latter joined the Potomac Flotilla in 1862; on Jan. 26, 1863, reported for duty on the U. S. steamer "Jacob Bell;" on July 21, 1863, reported for duty on board the U. S. iron-clad "Roanoke;" on July 26, 1864, reported for duty at the United States Naval Asylum,

Philadelphia; on May 10, 1865, reported for duty on board the U. S. S. "Dacotah;" on December 24, 1868, reported for duty as member of the Retiring Board, sitting at the Navy Yard at Philadelphia; on May 22, 1869, reported on board the U. S. receiving-ship "New Hampshire," at Norfolk, Va.; on September 4, 1869, reported on board the U. S. S. "Frolic;" on November 17, 1870, reported at New York Navy Yard for duty in attending officers unattached living in Brooklyn; from this duty was detached on February 14, 1871; on May 1, 1871, reported on board the U. S. practice-ship "Constellation;" on November 29, 1871, reported at the Naval Station, League Island, Philadelphia; on February 5, 1873, reported on board the U. S. S. "Juniata;" on February 21, 1873, was placed on sick leave; on June 21, 1873, reported for duty at the United States Naval Academy, Annapolis, Md.; on September 3, 1873, reported for duty on board U. S. S. "Monongahela;" December 31, 1873, was appointed Fleet-Surgeon on board the flag-ship, which appointment terminated on July 11, 1874, by a relief; on the 19th of April, 1876, reported for duty at the Navy Yard, League Island, Philadelphia; on Aug. 22, 1879, reported at Navy Yard, Washington, D. C., for special duty in that city; on Feb. 12, 1884, reported for duty on board the U. S. S. "Powhatan;" on March 20, 1885, reported on board the U. S. steamer "Pensacola," as Medical Inspector; on March 7, 1888, was detached from the U. S. S. "Pensacola," and arrived at home in Washington, D. C., on the day after to await orders; Navy Yard, League Island, July, 1890, to September, 1891; member Examining Board, New York, September, 1891, to May, 1893; waiting orders, May, 1893, to date.

Benjamin H. Kidder.—Born in Massachusetts. Appointed from Massachusetts, September 20, 1861; entered the service as *Assistant Surgeon;* attached to steam-gunboat "Marblehead," South Atlantic Blockading Squadron, 1862–4; steam-frigate "Colorado" (flag-ship), North Atlantic Squadron, 1865; steamer "De Soto," special service, 1866, and North Atlantic Squadron, 1867. Commissioned as *Surgeon*, March 2, 1868; special duty, Boston, 1869–70; "Terror" (iron-clad), N. A. Squadron, 1870–1; "Ossipee," N. A. Station, 1873–6; Naval Hospital, Philadelphia, 1877–8; October, 1878, to October, 1881, on store-ships "New Hampshire" and "Wyoming," at Port Royal, S. C.; April to November, 1882, on receiving-ship "Wabash," at Boston; November, 1882, to September, 1883, at Naval Station, Port Royal, S. C.; September, 1883, to March, 1885, at Navy Yard, Norfolk, Va.; May, 1885, to June, 1886, on "Powhatan," N. A. Station; June, 1886, to June, 1888, Fleet-Surgeon, N. A. Station; Naval Academy, June, 1889, to October, 1892; Naval Station, Port Royal, October, 1892, to September, 1893. Promoted *Medical Director*, August 21, 1893; waiting orders, September, 1893, to date.

MEDICAL DIRECTORS ON THE RETIRED LIST.

With Relative Rank of Commodore.

Retired after forty-five years' service, or on attaining the age of sixty-two years.

William S. W. Ruschenberger.—Born in New Jersey, September 4, 1807. Appointed from New Jersey, August 10, 1826; entered the service with the grade of *Surgeon's-Mate*, Pacific Squadron, 1826–9; Commodore's Secretary under Commodore Jacob Jones, 1828–9. Commissioned as *Surgeon*, April 4, 1831; sloop "Falmouth," Pacific Squadron, 1831–4; Fleet-

Surgeon, East India Squadron, 1835–7; Naval Rendezvous, Philadelphia, 1840–2; Naval Hospital, New York, 1843–7; Fleet-Surgeon, East India Squadron, 1847–50; Rendezvous, Philadelphia, 1852; Fleet-Surgeon, Pacific Squadron, 1854–7; Fleet-Surgeon, Mediterranean, August, 1860, to July, 1861; Navy Yard, Boston, 1861–4; special duty, Philadelphia, 1865–6. Retired, September 4, 1869; president Board of Examiners, 1869–70; Naval Hospital, Philadelphia, 1870–3; president of the Academy of Natural Sciences of Philadelphia, December, 1869, to January, 1872; vice-president of the College of Physicians, of Philadelphia, May, 1875, to May, 1879; president from May 5, 1879, to January, 1883; a vice-president of the American Philosophical Society, January, 1885, and is so still. Dr. Ruschenberger is the author of books on professional and other topics.

William Grier.—Born in Ireland. Appointed from Maryland, March 7, 1838; entered the service as *Assistant Surgeon;* attached to sloop "Cyane," Mediterranean Squadron, 1838–41; store-ship "Erie," Pacific Squadron, 1842–4; schooner "Shark," Pacific Squadron, 1844–6; Hospital, New York, 1848; razee "Independence," Mediterranean Squadron, 1849–52. Commissioned as *Surgeon*, April 14, 1852; Fleet-Surgeon, North Pacific Surveying Expedition, 1853–56; Naval Academy, 1859; sloop "Macedonian," 1861; receiving-ship, Baltimore, 1862; Naval Hospital, Memphis, Tennessee, 1863–65; special duty, Hartford, Connecticut, 1867; member Board of Examiners, 1868–9, special duty, Baltimore, 1869–71; member of Examining and Retiring Boards, 1871–2; Naval Hospital, Annapolis, 1872; member of Naval Medical Board, 1872; President of Naval Medical Board, 1872–6; Chief of Bureau of Medicine and Surgery (Surgeon-General), 1877–8. Retired, October 5, 1878.

Samuel Jackson.—Born in Pennsylvania. Appointed from North Carolina, June 20, 1838, as *Assistant Surgeon.* Attached to frigate "Constitution," 1839–41; U. S. S. frigate "Mississippi," 1841–2; frigate "Congress," Mediterranean Squadron, 1842–3; sloop "Fairfield," frigate "Cumberland," Mediterranean Squadron, 1843–5; razee "Independence," flag-ship, Pacific Squadron, during Mexican War, 1846–9; Navy Yard, Philadelphia, 1849–50; receiving-ship "Franklin," at Boston, 1851; sloop "John Adams," 1851; sloop "Decatur," 1851–2. Commissioned as *Surgeon*, September 2, 1852; Rendezvous, New York City, 1854–5; sloop "St. Louis," coast of Africa, 1855–8; Navy Yard, New York, 1858–61; steam-frigate "Wabash," 1861; frigate "Cumberland," 1861; steam-sloop "Brooklyn," 1862–3. While attached to the "Cumberland," was present at the bombardment and capture of the Confederate forts, at Hatteras Inlet; doing service on board the "Brooklyn," was with Admiral Farragut in the passage and bombardment of Forts Jackson and St. Philip, and the Chalmette batteries below New Orleans, and in the destruction of the Confederate Fleet, and subsequently in his operations before Vicksburg and Galveston; Naval Academy, at Newport, R. I., 1863–4; Navy Yard, Boston, 1864–5–6; Fleet-Surgeon, North and South Pacific Squadron, on board flag-ship "Pensacola," and "Powhatan," 1867–9; Naval Hospital, Philadelphia, 1869; Naval Hospital, New York, 1869–72 Commissioned as *Medical Director*, March 3, 1871; Naval Hospital Norfolk, 1873–5; Naval Hospital, Chelsea, 1875–6–7–8–9, which completed his service on the "active list." Having attained the age of sixty-two (62) years, April 1, 1879, he was placed on the retired list, in accordance with the law of Congress on that subject.

Francis M. Gunnell.—Born in District of Columbia. Appointed from District of Columbia, March 29, 1849; entered the service as *Assistant*

Surgeon; attached to sloop "Falmouth," Pacific Squadron, 1849–51; store-ship "Supply," Pacific Squadron, 1852; Navy Yard, Washington, 1853; frigate "Independence," Pacific Squadron, 1855–7; steam-frigate "Niagara," Atlantic Cable Expedition, 1858; receiving-ship at New York, 1858–9; steamer "Fulton" (wrecked), 1859; steam-sloop "Pawnee," 1860–2, North and South Atlantic Blockading Squadrons. Commissioned as *Surgeon*, April 23, 1861; Naval Hospital, Washington, 1863–5; steam-sloop "Ticonderoga," European Squadron, 1866–8; Naval Hospital, Washington, 1869–72. Commissioned as *Medical Inspector*, 1871; Fleet-Surgeon, N. A. Fleet, 1872–3; "Roanoke," 1874; member Board of Examiners, 1875–6. Commissioned as *Medical Director*, 1875; Naval Hospital, Washington, 1875–9; Fleet-Surgeon, Asiatic Station 1879–81; member of Retiring Board, 1881–2; President Medical Board, Washington, 1882–4; Chief of Bureau of Medicine and Surgery, 1884–8. Retired, 1889.

John Mills Browne.—Born in Hinsdale, New Hampshire, May 10, 1831. Graduated at the Medical Department of Harvard University in March, 1852. Appointed from New Hampshire, March 25, 1853; entered the service as *Assistant Surgeon*, and performed first duty on board the store-ship "Warren," Lieutenant commanding, Fabius Stanly, at Sancelito, opposite San Francisco; in September, 1854, the "Warren," Lieutenant commanding, D. McDougall, proceeded to Mare Island, and became the temporary residence of commander, D. G. Farragut, the inaugurator and first Commandant of the Navy Yard; Medical Officer of the Navy Yard until May 10, 1855; then duty on board Coast Survey steamer "Active," Lieutenant commanding, James Alden; attached to "Active" until November, 1857; "Active," employed in surveying the coast and harbors of California, Oregon, and Washington Territories, in the winter of 1855–6, with the steamer "Massachusetts" and sloop "Decatur;" "Active," engaged in the Indian war of Puget Sound; and in the summer of 1857, in connection with H. B M. sloop "Satellite," occupied in settling the Northwest boundary. *Passed Assistant Surgeon*, May 12, 1858; brig "Dolphin," Lieutenant commanding, John N. Maffit, June 1, 1858, Home Squadron; August 21, 1858, off Cape Verde, Cuba, "Dolphin" captured the brig "Echo," with over 300 slaves destined for the Cuban market; "Echo" sent to Charleston, South Carolina, and subsequently the surviving negroes were taken to Liberia in the frigate "Niagara;" October 1, 1858, steamer "Atlanta," Commander D. B. Ridgely, Paraguay Expedition; December 25, 1858, Hospital, Norfolk, Surgeon Ninian Pinkney; May 9, 1859, sloop "Constellation," Flag-Officer William Inman, Fleet-Surgeon Thomas D. Smith, flag-ship of African Squadron; visited Madeira, Cape de Verde Islands, St. Helena, Liberia, St. Paul de Loanda, and other ports and islands along west coast of Africa; September 25, 1860, at night, off Congo River, "Constellation" captured the bark "Cora," with 705 slaves, which were sent to Liberia. Commissioned as *Surgeon*, June 19, 1861; December 23, 1861, steam-sloop "Kearsarge," Commander Charles W. Pickering, special duty, coast of Europe; visited Cadiz, Algeciras, Gibraltar, Tangier, Ferral, Brest, Cherbourg, Boulogne-sur-Mer, Calais, Ostend, Flushing, London, Margate, Ramsgate, Deal, Dover, Folkstone, Hastings, Queenstown, Azores, Madeira, Teneriffe; off Cherbourg, June 19, 1864, the "Kearsarge," Commander John A. Winslow, after an engagement of one hour and two minutes, destroyed the rebel steamer "Alabama;" "Kearsarge" left Europe in August, 1864, for the Azores, and from thence proceeded to Fernando de Noronha and Las Rocas, off Brazil, in search of the rebel steamer "Florida;"

returned to Barbadoes, thence to St. Thomas, and arrived at Boston, November 9, 1864; December 23, 1864, temporary duty, Navy Yard, New York; April 29, 1865, Navy Yard, Mare Island; March 29, 1869, special duty to superintend the erection of the Naval Hospital at Mare Island; duty, in charge of the Hospital, Mare Island, 1870–1; Fleet-Surgeon, Pacific Fleet, 1862–6. Commissioned as *Medical Inspector*, December 1, 1871; Navy Yard and Naval Hospital, Mare Island, 1873–4; Fleet-Surgeon, North Pacific Station, 1874–6; Naval Hospital, Mare Island, 1876–80. Commissioned as *Medical Director*, October 6, 1878; President of Medical Examining Board, Washington, D. C., 1880–2; member of Board of Visitors, Naval Academy, Annapolis, Md., 1881; naval representative at the International Medical Congress, London, England, 1881; duty, in charge of Museum of Hygiene, 1882–5; duty, on Board of Naval Regulations, 1882; member of National Board of Health, 1883; naval representative at the International Medical Congress, Copenhagen, 1884; member of Retiring Board, 1885–8. Chief of Bureau of Medicine and Surgery, with title of *Surgeon-General* of the Navy, from April 2, 1888, until date of retirement, May 10, 1893.

With Relative Rank of Captain.

Philip Lansdale.—Born in Maryland. Appoined *Acting Assistant Surgeon*, November, 1846; appointed from Maryland, March 5, 1847; entered the service as *Assistant Surgeon;* attached to steamer "Onkahye," Brazil Squadron, 1848; frigate "Brandywine," Brazil Squadron, 1849–50; frigate "Cumberland," Mediterranean Squadron, 1852–5; Bureau of Medicine and Surgery, 1856–9; sloop "John Adams," 1861. Commissioned as *Surgeon*, January 20, 1861; steam-sloop "Pensacola," West Gulf Blockading Squadron, 1863–4; Naval Rendezvous, Philadelphia, 1866–8; Examining Board, Philadelphia, 1868–69; Fleet-Surgeon, Pacific Fleet, 1869–71. Commissioned as *Medical Inspector*, March 3, 1871; Naval Academy, 1872–4. Commissioned as *Medical Director*, June 8, 1873; Fleet-Surgeon, European Station, 1874–7; member of Examining Board, 1877–9. Retired, April, 1879.

Phineas J. Horwitz.—Born at Baltimore, Md., March 3, 1822; graduated as doctor at the University of Maryland, March, 1845. Appointed an *Assistant Surgeon* in the Navy, November 8, 1847, and immediately thereafter assigned to duty in the Gulf Squadron, then operating against Mexico. Dr. Horwitz was at once placed in charge of the Naval Hospital, at Tabasco, and remained there until the close of the war. This duty was performed so efficiently and energetically as to receive the personal commendation and thanks of the commander-in-chief of squadron, Commodore M. C. Perry. He was next detailed for the frigate "Constitution," bound for the Mediterranean Station; at the termination of the cruise was ordered to the "Relief," destined for Brazil; he was examined and passed for promotion, January, 1853; he was then assigned to the steamer "Princeton," aboard which vessel he served some two years; after this he was ordered to the "Supply" belonging to the African and Brazil Stations; on reaching the United States, in 1859, he was offered the position of assistant to the Bureau of Medicine and Surgery, which office he held until appointed Chief of the Bureau of Medicine and Surgery, July 1, 1865, a position which he held until his term of service expired, July 1, 1869; on the nineteenth of April, 1861, Dr. Horwitz was promoted to the grade of *Surgeon*, but his services in the bureau were considered so important that he was not permitted to vacate his appointment as assistant, and Congress, in acknowledgment of the immense amount of

work he was performing, voted to give him the highest shore-pay of his grade; during the entire period of the war of the Rebellion the labor of the bureau fell almost wholly upon the shoulders of Dr. Horwitz, and his was the only bureau in which the clerical force was not increased. The whole system of tabulating the casualities of the war, of indexing the books of reference, reports of survey, certificates of disability and of diseases, was designed and carried forward by Dr. Horwitz, so that there was probably no case of injury, disease, or disability that occurred during the doctor's connection with the bureau that will not be found in its appropriate place in the Surgeon-General's office; the immense number of pension cases accruing during the war were all examined, adjusted, and prepared by the doctor, and every official letter that left the bureau was written by him. All this was done without the aid of a single additional writer or clerk. On leaving the bureau, in 1869, Dr. Horwitz was placed in charge of the Naval Hospital, Philadelphia, since which time he has been assigned to various duties on that station. He was promoted to the grade of *Medical Inspector*, March 3, 1871, and to the grade of *Medical Director*, December 19, 1873; Naval Asylum, Philadelphia, 1877–83; president of Examining Board, Philadelphia, 1883–4. Retired, 1884.

Edward Shippen.—Born in New Jersey. A.B. and A.M., Princeton; M.D., University of Pennsylvania; fellow of the College of Physicians, Philadelphia; appointed from Pennsylvania, August 7, 1849; entered the service as *Assistant Surgeon;* attached to sloop "Marion," East India Squadron, 1849–52; receiving-ship "Ohio," Boston, 1852–3; steamer "Fulton," Fishing-Banks Squadron, 1853; steamer "Hetzel," Coast Survey, 1854; brig "Dolphin," coast of Africa, 1855–7; Rendezvous, Philadelphia, 1857; Naval Asylum, Philadelphia, 1858; steamer "Caledonia," Paraguay Expedition, 1859; flag-ship "Congress," Brazil Squadron, 1859–61. Commissioned as *Surgeon*, April 26, 1861; frigate "Congress," North Atlantic Blockading Squadron, 1861–2; in the "Congress" when attacked by the rebel ram "Merrimac," at Newport News, and injured by shell; recorder of Medical Examining Board, Philadelphia, 1862; receiving-ship and special recruiting duty, New York, 1862–4; frigate "New Ironsides," North Atlantic Squadron, 1864–5; at both battles of Fort Fisher, and at Bermuda Hundred; steam-sloop "Canandaigua," European Squadron, 1866–8; during which made the Russian cruise, under Admiral Farragut; member of Naval Retiring Board, Philadelphia, 1868; surgeon of the Naval Academy, Annapolis, Md., 1869–71; Fleet-Surgeon, European Station, 1871–3; Navy Yard, Philadelphia, 1873; Naval Hospital, Philadelphia, 1874–9. Commissioned as *Medical Director*, 1876; president of the Naval Medical Examining Board, Philadelphia, 1880–1; president Board of Examiners, March, 1881–83; Naval Hospital, Philadelphia, 1883–6; special duty, Philadelphia, 1886–8. Retired, 1888.

Samuel F. Coues.—Born in New Hampshire. Appointed from New Hampshire, Feb. 25, 1851. Entered the service as *Assistant Surgeon;* Coast Survey, 1851; attached to sloop "Portsmouth," Pacific Squadron, 1851–5; Bureau Med. and Surg., 1855; Coast Survey, 1856; hospital, Chelsea, Mass., 1857; laboratory, New York, 1858–9; steamer "Saginaw," 1861. Commissioned as *Surgeon*, April 26, 1861; steam-sloop "Hartford," 1863; receiving-ship "Ohio," Boston, 1863; steam-sloop "Housatonic," South Atlantic Blockading Squadron, 1863; steam-sloop "Saranac," Pacific Squadron, 1864–6; Naval Hospital, Chelsea, Mass., 1866–8; steam-sloop "Richmond," European Squadron, 1868–71. Commissioned as *Medical Inspector*, 1871; leave,

Europe, 1872; frigate "Colorado," North Atlantic Station, 1872–3; Navy Yard, Portsmouth, N. H., 1873–5; Fleet-Surgeon, North Atlantic Station, 1875–6. Commissioned as *Medical Director*, 1876; Naval Hospital, Brooklyn, N. Y., 1876–9; special duty, Boston, 1879–80; Naval Laboratory, New York, 1880–3; President Medical Examining Board, 1884–5; Naval Hospital, Chelsea, 1885–7; retired, 1887.

Jacob S. Dungan.—Born in Pennsylvania. Commissioned *Assistant Surgeon*, February 25, 1851; steamer "Water-Witch," 1851; Recruiting Office, New Orleans, La., 1851; steamer "Vixen," West India Station, 1851–52; Coast Survey steamer "Corwin," Atlantic Station, 1852–3; steamer "Fulton," West India Station, 1853–5. Appointed *Passed Assistant Surgeon*, April 9, 1856; Naval Hospital, Norfolk, Va., 1856–8; steamer "Argentina," La Plata Expedition, South America, 1858–60; Naval Asylum, Philadelphia, Pa., 1861. Commissioned *Surgeon*, May 1, 1861; receiving-ship "Princeton," Philadelphia, Pa., 1861; Naval Rendezvous, Philadelphia, Pa., 1861; ship "Portsmouth," W. G. B. Squadron, 1861–3; in attack on Fort Jackson, Mississippi River, April 24, 1862; in charge Naval Hospital, New Orleans, La., 1863–4; Naval Asylum, Philadelphia, Pa., 1865; razee "Savannah," Annapolis, Md., 1865; frigates "Constitution" and "Santee," school-ships, at Naval Academy, Annapolis, Md., 1865–6; Navy Yard, Norfolk, Va., 1866–68; ship "Cyane," Pacific Station, 1869; steamer "Ossipee," Pacific Station, 1869–71. Commissioned *Medical Inspector*, March 3, 1871; Naval Rendezvous, San Francisco, Cal., 1872; in charge Naval Hospital, Mare Island, Cal., 1872–3; steam-frigate "Minnesota," New York, N. Y., December, 1873; in charge Naval Hospital, Mare Island, Cal., 1874–5; flag-ship "Pensacola," Fleet-Surgeon, Pacific Station, 1876–7. Commissioned *Medical Director*, December 31, 1876; special duty, San Francisco, Cal., 1877–82; Naval Rendezvous, San Francisco, Cal., 1877–80; in charge U. S. Naval Hospital, Yokohama, Japan, 1882–5; in charge Marine Recruiting Office, San Francisco, Cal., 1885–7. Retired, January 29, 1887.

George Peck.—Born at Orange, New Jersey; graduated at College of Physicians and Surgeons, New York, March 6, 1847; received, June 27, 1857, honorary degree of A. M. from College of New Jersey; examined by Board of Naval Medical Officers, and found qualified for appointment, January 3, 1851. Commissioned *Assistant Surgeon*, February 25, 1851; ordered to the "Cyane," Home Squadron, August 23, 1851; cruised in the Gulf of Mexico, Caribbean Sea and West Indies; crossed the Isthmus of Panama before the construction of the railroad; assisted the survivors of Strain's Expedition to Darien; journeyed to the Pacific, *via* the San Juan River and Lake Nicaragua to San Juan del Sur; carried despatches to the United States Minister at Leon, and visited the principal cities and towns of Nicaragua; participated in the bombardment of San Juan del Norte; detached from the "Cyane," September 1, 1854; ordered to the Naval Rendezvous, New York, September 13, 1854; detached, October 15, 1855; examined and recommended for promotion, April 10, 1856; ordered to frigate "St. Lawrence," Brazil Station, September 20, 1856; joined the Paraguay Expedition; detached from the "St. Lawrence," May 11, 1859; ordered to the receiving-ship "North Carolina," New York, July 2, 1859; detached and ordered to the steam sloop-of-war "Seminole," Brazil Station, March 9, 1860. Commissioned *Surgeon*, May 30, 1861; returned to the United States in the "Seminole," and joined the N. A. Blockading Fleet; served on the Potomac River during the attempted blockade by rebel batteries, and took part in the capture of Port Royal, Fernandina and Norfolk; detached from the "Sem-

inole," July 9, 1862; ordered to the Marine Rendezvous, New York, August 18, 1862; detached, September 24, 1864, and ordered to the "Dictator," North Atlantic Blockading Fleet; detached, September 2, 1865, and ordered to the "Vanderbilt," convoy of the "Monadnock," *via* Strait of Magellan, to San Francisco; *en route* witnessed the bombardment of Valparaiso and Callao by the Spaniards; volunteered to aid in care of the wounded after the action at Callao, and assisted the medical officer in charge aboard the "Villa de Madrid," of the Spanish fleet; visited the Peruvian Hospital ashore, and tendered service to the medical officer in charge; detached June 28, 1866, and accompanied Commodore John Rodgers from San Francisco to the Atlantic coast before the completion of the railway, escorted by a squadron of United States cavalry; ordered to Navy Yard, New York, April 1, 1867; detached, May 20, 1869, and ordered to the frigate "Sabine," May 25, 1869; received aboard from the Naval Academy the graduated class of midshipmen, and sailed on a practice-cruise to Europe and Brazil; detached, July 28, 1870; ordered to the Navy Yard, New York, September 15, 1870. Commissioned *Medical Inspector*, May 28, 1871; detached May 11, 1872, and ordered to the North Atlantic Fleet; reported on board the flag-ship "Worcester," at Key West, for duty as surgeon of the fleet; detached, December 26, 1873; ordered as member of the Retiring Board and for examination of officers for promotion, Washington, February 25, 1874; detached, April 10, 1877, and appointed member of Naval Medical Examining Board, December 1, 1877; ordered to examination for promotion, January 14, 1878. Commissioned *Medical Director*, of the grade of Captain, from January 7, 1878; detached and ordered, April 30, 1879, as member of Retiring Board and President of Medical Examining Board; detached, and ordered as President of Board of Physical Examination of officers for promotion, September 3, 1879; detached, February 29, 1880, and ordered as member of Naval Medical Examining Board, Philadelphia, Pa., March 1, 1880; ordered Medical Director of Naval Hospital, Mare Island, California, July 2, 1880; detached, October 8, 1883, and on leave; ordered as member of Naval Board of Inspection and Survey, December 15, 1883, and detached, June 3, 1885, and on waiting orders; ordered as member of Court of Inquiry, Washington, June 20, 1884; court dissolved, December 31, 1884; ordered as delegate from Medical Department of the Navy to annual meeting of American Medical Association, April 9, 1884, Washington, and April 23, 1885, at New Orleans; ordered as delegate to represent the Medical Department of the Navy at the Ninth International Medical Congress, Washington, August 28, 1887; ordered as member of the Examining Board, Navy Department, Washington, November 5, 1887, and detached, July 9, 1888; and from length of service, in conformity with Chapter III., Section 1444, Revised Statutes of the United States, transferred to the retired list of officers of the navy. He is a member of the American Medical Association, American Academy of Medicine, American Public Health Association, New York Academy of Medicine, New York Society for the Relief of Widows and Orphans of Medical Men, Military Order of the Loyal Legion of the United States, New Jersey Historical Society, Washington Headquarters Association, Morristown, New Jersey, and Sons of the American Revolution, Society of New Jersey.

Thomas J. Turner.—Born in Pennsylvania. Appointed from Pennsylvania, December 16, 1853. Entered the service as *Assistant Surgeon;* attached to Pacific Squadron, 1854–5; frigate "Independence," Pacific Squadron, 1856; sloop "John Adams," Pacific Squadron, 1857–8; rendezvous, Philadelphia,

1859; Laboratory, New York, 1861–2. Commissioned as *Surgeon*, June 10, 1861; steam-sloop "Ossipee," North Atlantic Squadron, 1863; Naval Hospital, Pensacola, 1864–5; special duty, Philadelphia, 1866; member Board of Examiners, 1867; Recorder Board of Examiners, 1868–9; attached to steam-sloop "Juniata," European Squadron, 1869–72. Commissioned as *Medical Inspector*, April 26, 1872; special duty, Washington, 1872–5; Fleet-Surgeon, Asiatic Station, 1875–7; Secretary of National Board of Health, 1878–82. Commissioned as *Medical Director*, April 2, 1879; member of National Board of Health, 1882–3; member of Medical and Retiring Board, 1884–6; in charge of Museum of Hygiene, 1886–9; waiting orders, February, 1889, to date of retirement, September, 21, 1891.

John Y. Taylor.—Born in Pennsylvania. Appointed from Delaware, September 26, 1853. Entered the service as *Assistant Surgeon;* attached to sloop "Decatur," Pacific Squadron, 1853–7; rendezvous, Philadelphia, 1858; sloop "Preble," Brazil Squadron, 1859; brig "Dolphin," Brazil Squadron, 1860; Naval Hospital, New York, 1861; steam-sloop "Oneida," West Gulf Blockading Squadron, 1861–4; in engagement with the rebel batteries at Vicksburg, June, 1862. Commissioned as *Surgeon* August 1, 1861; steam-sloop "Tuscarora," South Atlantic Blockading Squadron, 1865; Recorder Examining Board, Philadelphia, 1866; Naval Hospital, New York, 1867–8; steam-sloop "Plymouth," European Squadron, 1868–72. Commissioned as *Medical Inspector*, June 29, 1872; member Board of Examiners, 1872–7. Commissioned as *Medical Director*, April, 1879; Naval Hospital, Washington, 1879–83; Naval Hospital, Norfolk, June, 1883–6; Naval Hospital, New York, 1887–8; member of Medical Examining Board, 1888–9; President Medical Examining Board, 1889, to date of retirement, Jan., 21, 1891.

William T. Hord.—Born in Kentucky. Appointed from Kentucky, November 1, 1854. Entered the service as *Assistant Surgeon*; went to Mediterranean in frigate "Congress," July, 1855; transferred to frigate "Saranac," on that station, September 28, 1855; returned to United States, and detached, June 28, 1856; ordered to store-ship "Relief," Brazil Squadron, August 14, 1856; detached, March, 1857; ordered to store-ship "Supply," Brazil Squadron, March, 1857; detached, August, 1857; ordered to Coast Survey steamer "Walker," October, 28, 1857; detached, June, 1858; ordered to Naval Hospital, Norfolk, June 14, 1858; detached, December 22, 1858. Promoted to *Passed Assistant Surgeon*, April, 1859; ordered to steam-sloop "Lancaster," Pacific Squadron, April 9, 1859; transferred to sloop "Cyane," Pacific Squadron, at Acapulco, July 16, 1861. Promoted to *Surgeon*, August 1, 1861; detached from "Cyane," at Panama, and ordered home, November 11, 1861; volunteer aide on General Nelson's staff, from the battle of Pittsburg Landing to the evacuation of Corinth, Mississippi, by General Beauregard; ordered, June 14, 1862, to receiving-ship "Ohio," at Boston; detached, December, 1862, and ordered to steam-sloop "Pawnee," attached to South Atlantic Blockading Squadron; participated in all the operations against the enemy's works at Charleston, South Carolina, during the year 1863, by Admirals Du Pont and Dahlgren and General Gilmore; ordered to steam-frigate "Wabash," off Charleston, South Carolina, August 10, 1863; detached, sick, December, 1863; ordered to recruiting service, June 15, 1864, at Jersey City, New Jersey; detached and ordered to Mound City, Illinois, August 31, 1864; detached and ordered to steam-sloop "Monongahela," November 8, 1865, West India Squadron; wrecked in an earthquake at Santa Croix, West Indies, November 18, 1867; Navy Yard, Norfolk, Virginia, October 12, 1868; detached, October, 1871. Commis-

sioned as *Medical Inspector*, July 6, 1872; Fleet-Surgeon, South Atlantic Station, March 28, 1872, to April 1, 1874; member of Board of Examiners, 1874–6; Navy Yard, Boston, September 1, 1876, to April 1, 1879. Commissioned as *Medical Director*, May 1, 1879; Naval Hospital, Chelsea, Mass., April 1, 1879, to April, 1882; member of Medical Examining Board, Washington, D. C., April, 1882, to October, 1886; Naval Hospital, Philadelphia, October 6, 1886, to October 6, 1889; member of the Medical Examining Board, Washington, D. C., November 27, 1889; President of Examining Board, January 22, 1891, until his retirement for age, March 3, 1893.

Delavan Bloodgood.—Born in New York. Commissioned *Assistant Surgeon*, March 13, 1857. Promoted to *Passed Assistant Surgeon*, December 24, 1861; to *Surgeon*, January 24, 1862; to *Medical Inspector*, February 3, 1875; to *Medical Director*, August 22, 1884; retired on 20th of August, 1893, having attained sixty-two years of age. His first cruise was aboard the flagship "Merrimac," on the Pacific Station, 1857–60; his next aboard the steamer "Mohawk," 1860–1, about Cuba and adjacent islands, intercepting vessels in the slave trade. In anticipation of the great impending conflict the "Mohawk" played a conspicuous and essential role in the strategic movements which saved the forts on Key West and Tortugas, the "Keys of the Gulf," from seizure by the secessionists; manœuvres unappointed nor subsequently sanctioned by the administration. The next succeeding affairs engaged in were the evacuation of the Pensacola Navy Yard, the convoying from Texas of the troops surrendered by Twiggs, and the establishment off Santa Rosa Island of the first blockade of the war. After passing the summer of 1861 in the Gulf, Assistant Surgeon Bloodgood was ordered North for examination preliminary to promotion, and arriving off Port Royal at the time of that battle was diverted to another transport and put in charge of a lot of the wounded and sick for conveyance to hospital. After promotion he was detailed to the sloop-of-war "Dacotah," on which he served till near the close of the war; participating in the various operations about Hampton Roads, from the first appearance of the rebel ram "Merrimac," till its *felo-de-se*; up the rivers in conjunction with the first Peninsular campaign; for awhile with Farragut, in the Mississippi; then in the Flying Squadron after privateers and blockade-runners; but the most of the work was in blockading off the Carolinas, and in minor engagements with shore batteries. During this service the "Dacotah" was visited by an epidemic of yellow fever and by another of small-pox. En route homeward after this cruise Surgeon Bloodgood was captured by railroad raiders in Maryland, but effected his escape, *sine impedimenta*, from the cavalcade of prisoners bound to Libby. In the two years succeeding the war Surgeon Bloodgood made the lake cruise aboard the steamer "Michigan," and next was attached to the receiving-ship "Vermont," and until the breaking out of yellow fever aboard the "Jamestown," when he was ordered in mid-winter from New York to that infected ship in the tropics, aboard which the mortality proved phenomenal, and he was one of the few who survived an attack of the pestilence. From Panama Bay, for disinfection, the "Jamestown" sailed to Sitka, and there participated in the ceremonies of the transferral of Alaska from Russia to the United States. The winter of 1867–8 was passed in Alaska, and in the spring following the "Jamestown" was put out of commission at the Mare Island Navy Yard, and Dr. Bloodgood transferred to the "Lackawanna" on the Mexican coast, and there completed his second Pacific cruise. He was next on shore duty at New York, and until May, 1872, when he

joined the "Plymouth," on the European Station; but after a few months again took passage and proceeded by the India route to the Asiatic Station, where as Fleet-Surgeon he served, successively, aboard the flag-ships "Colorado," "Lackawanna" and "Hartford." At the end of two years he exchanged to the Pacific Station as Fleet-Surgeon; but shortly after was ordered home, and so as a passenger, and on duty, accomplished the circuit of the globe. After a tour of shore duty in New York his next and last service afloat was as Fleet-Surgeon on the European Station, aboard the flag-ship "Trenton," 1877–9. Returned from the Mediterranean, he was placed in charge, first of the Naval Hospital, in Brooklyn, and next of the Laboratory; these duties continued till the autumn of 1886, when he was sent in charge of the Naval Hospital at Norfolk; but on 1st of July following, he was recalled to the directorship of the Naval Laboratory, which position, together with that of Head of the Department of Instruction (when that establishment was instituted and joined to the Laboratory), he retained until his retirement.

MEDICAL INSPECTORS ON THE ACTIVE LIST.

William K. Van Reypen.—Born in New Jersey. Appointed from New Jersey, December 25, 1861; entered the service as *Assistant Surgeon;* attached to Naval Hospital, New York, 1862; frigate "St. Lawrence," East Gulf Blockading Squadron, 1863–4. Promoted to *Passed Assistant Surgeon,* May, 1865; Naval Hospital, Chelsea, Mass., March, 1865; steamer "Lenapee," Atlantic Squadron, 1866–7; steam-sloop "Ticonderoga," European Squadron, 1868; steamer "Frolic," European Squadron, 1868–9. Promoted to *Surgeon,* May, 1868; special duty, New Orleans, 1869; Naval Hospital, Chelsea, Mass., 1870; Naval Hospital, Norfolk, 1871; Naval Hospital, Annapolis, 1872; "Iroquois," Asiatic Station, 1872–4; Naval Hospital, New York, 1875–7; "Alaska," Pacific Station, 1877–81; Naval Hospital, Brooklyn, 1881–2; "Powhatan," special duty, 1883–4; Assistant, Bureau of Medicine, 1884 to May, 1892. Promoted to *Medical Inspector,* August, 1887; "San Francisco," Special Service Squadron, May, 1892, to date.

Thomas Cameron Walton.—Born in England. A graduate of the University of the City of New York (1862); Associate Member of the Société Française d'Hygiène (1887); one of the Vice-Presidents of Section on Climatology and Demography of the Ninth International Medical Congress; Member of the Military Order of the Loyal Legion. Appointed from New York. October 5, 1861, commissioned an *Assistant Surgeon;* October, 1868, commissioned *Surgeon;* September, 1877, commissioned *Medical Inspector;* served on sloop "Jamestown," N. A. Blockading Squadron, 1862; East Indies, 1863–5; in charge of Small-pox Hospital, Yokohama, Japan, 1864; Examining Board for Medical Officers, 1866; receiving-ship "Ohio," Boston, 1867; sloop "Cyane," at Panama, 1867; steamer "Suwanee," N. P. Squadron, wrecked on July 9, 1868; steamers "Mohican" and "Resaca," Pacific Squadron, 1868–70; receiving-ship "New Hampshire," Norfolk, Va., 1872; sloop "Juniata," searching for "Polaris" survivors in Greenland, 1873; later in Cuba, rescuing prisoners from "Virginius;" European Squadron, 1874–5; receiving-ships "Worcester" and "Franklin," at Norfolk, 1876–9; steamer "Powhatan," special service, 1880–3; Naval Academy, as Senior Medical Officer and Head of Department of Physiology and Hygiene, 1883–9; cruiser "Chicago," Squadron of Evolution, 1889–91; Naval Academy, 1892, to date.

Charles H. White.—Born in New Hampshire. Entered the service as *Assistant Surgeon*, December 26, 1861; in steam-gunboat "Huron," S. A. Blockading Squadron, 1862–4; "Roanoke" (iron-clad), 1864–6. Promoted to *Passed Assistant Surgeon*, 1866; Navy Yard, New York, 1866; "Ashuelot," Asiatic Station, 1866–9. Commissioned as *Surgeon*, November 18, 1869; Naval Laboratory, New York, 1870–2; "Benicia," Asiatic Fleet, 1872–3; S. S. "Idaho," Asiatic Station, 1873–5; Naval Laboratory, New York, 1875–78; Naval Hospital, Mare Island, Cal., 1879; "Lackawanna," Pacific Squadron, 1880–3; Museum of Hygiene, 1883–8; Fleet-Surgeon of Pacific Station, 1888–90. Promoted to *Medical Inspector*, July, 1888; "Charleston," Pacific Station, November, 1890, to January, 1892; waiting orders, January, 1892, to July, 1893; member Board of Medical Examiners, July, 1893, to date.

George Worth Woods.—Born in New Bedford, Mass., August 24, 1838. Steamers "Mohawk" and "Ottawa," S. A. B. S., 1862–3; "Roanoke," 1864; receiving-ships "Allegheny" and "Winooski," 1865; Navy Yard, Mare Island, Cal., 1866–7; "Pensacola" and "Jamestown," Pacific Squadron, 1867–70. Promoted to *Surgeon*, December 10, 1869; Naval Hospital, Mare Island, Cal., 1871–3; Naval Rendezvous, San Francisco, 1873; "Wachusett," 1873; North Atlantic Squadron, "Benicia" and "Lackawanna," 1874–8; Pacific Station, Navy Yard, Mare Island, Cal., 1878–82; "Juniata," special cruise, and Asiatic Station, 1882–5; Navy Yard, Mare Island, 1886–90. Commissioned *Medical Inspector*, 1888; U. S. flag-ship "Charleston," as Fleet-Surgeon, and "Pensacola," Pacific and Asiatic Stations, 1890–2; Naval Hospital, Mare Island, Cal., in charge, April, 1892. During the war, participated in the most prominent operations around Charleston, including the bombardment of the forts and fall of "Wagner;" those in northern Florida, up to the battle of Olustee, and including the capture of St. Mary's, Ga.; and while attached to the "Roanoke," in many movements on the James River. Member of the M. O. L. L. U. S. and Société Francaise d'Hygiene. Author of exhaustive reports on countries visited in the special cruise of the "Juniata," 1882–5, and of a special report on leprosy, after a prolonged residence at the leper settlement of Molokai, H. I.

F. L. Du Bois.—Appointed from Pennsylvania. Entered Navy as *Assistant Surgeon*, May 22, 1862. Promoted to *Passed Assistant Surgeon*, October 30, 1865; *Surgeon*, February 20, 1870; *Medical Inspector*, September 15, 1888. Served first at Navy Yard, Washington, from June to September, 1862; while there, volunteered for extra duty with the army, after the second battle of Bull Run; was present at battle of Chantilly, and nearly captured; on steamer "Tioga," from 1862 to 1864, on blockade duty, and chasing blockade runners; crew contracted yellow fever, of which he nearly died; was thence ordered to Chicago, on recruiting duty, and soon after to Mississippi Squadron, where he continued till close of war; next duty, Philadelphia Navy Yard; in 1866, to Panama, in charge of medical stores; then to store-ship "Fredonia," on which ship he was wrecked by an earthquake and tidal wave, at Arica, 1868,—only five persons saved from wreck; next duty, at Naval Hospital, Chelsea, Mass.; on the "Dictator" and hospital-ship "Pawnee," at Key West, from 1871 to 1874; steamer "Michigan," on lakes, from 1874 to 1877; "Wyoming," European Station, from 1877 to 1881; rendezvous duty, and member of Examining Board, from 1881 to 1884; Home Squadron, U. S. S. "Galena," from 1884 to 1887; Navy Yard, Portsmouth, March, 1888, to November, 1891; "Philadelphia," N. A. Station, and "Chicago," European Station, November, 1891, to date.

George H. Cooke.—Born in Philadelphia, Pennsylvania. Appointed from New Jersey. Entered the service as *Acting Assistant Surgeon*, September 9, 1862, and ordered to Naval Hospital, Norfolk, Va. Commissioned *Assistant Surgeon*, September 22, 1862; flag-ship "St. Lawrence," bark "James L. Davis," and steamers "Somerset," "Sagamore," and "Tioga," of East Gulf Blockading Squadron, 1862–4; Navy Yard, Philadelphia, 1864–5; double-ender "Mendota," James River, Va., 1865; Naval Hospital, New York, 1865; supply-ship "Massachusetts," 1865. Promoted to *Passed Assistant Surgeon*, January 20, 1866; receiving-ship "Ohio," Boston, 1866; Naval Academy, 1866; steam-sloop "Resaca," Pacific Squadron, 1866–8; Naval Academy, 1868–70. Promoted to *Surgeon*, February 20, 1870; Naval Station, Mound City, Illinois, 1870–1; gunnery practice-ship "Constellation," 1871–2; monitor "Terror," North Atlantic Station, 1872–3; special duty, Bureau of Medicine and Surgery, 1873; Marine Rendezvous, Philadelphia, 1873; special duty, Mound City, Illinois, 1874; Naval Hospital, Norfolk, Va., 1874–5; "Vandalia" (second-rate) and "Alliance" (third-rate), European Station, 1876–9; Navy Yard, League Island, 1879–82; Medical Examining Board, Naval Academy, 1884; "Lackawanna," Pacific Station, 1884–5; "Mohican," Pacific Station, 1885–7; Navy Yard, League Island, 1888–90. Commissioned *Medical Inspector*, September 15, 1888; flag-ship "Pensacola" and Fleet-Surgeon, South Atlantic Station, 1890–1; cruiser "Baltimore," Pacific Station, and Flag-ship Squadron for special service, July, 1891, to May, 1893; leave of absence, June, 1893; Navy Yard, League Island, July to November, 1893; special duty, Philadelphia, November 1, 1893, to date.

Thomas N. Penrose.—Born in Pennsylvania. Appointed *Assistant Surgeon*, November 11, 1861; steamer "Harriet Lane," South Atlantic Station, 1862–3; steamer "Massachusetts," 1863–4. Promoted to *Passed Assistant Surgeon*, 1866; "Hartford," East India Squadron, 1866–7; "Wachusett," North Atlantic Station, 1868; League Island Station, 1868–9; "Swatara," North Atlantic Fleet, 1870–1. Promoted to *Surgeon*, May 28, 1871; Naval Hospital, Philadelphia, 1873; "Ticonderoga," South Atlantic Station, 1873–5; practice-ship "Constellation," 1875; "Marion," European Station, 1876–8; Naval Hospital, Norfolk, 1878–80; "Michigan," Northwestern Lakes, 1881–2; "Swatara," North Atlantic Station, 1882–5; Navy Yard, Boston, 1885–8; "Richmond," South Atlantic Station, 1888–90. Commissioned as *Medical Inspector*, January, 1889; waiting orders, September, 1890, to April, 1891; Naval Hospital, Norfolk, Va., April, 1891, to date.

George Rawson Brush was born at Smithtown, New York. His academic studies were pursued at Pennington, New Jersey, studied medicine under the direction of Dr. Lafayette Ranney, in the city of New York, and was graduated at the College of Physicians and Surgeons of the University of the State of New York, 1858. He subsequently engaged in practice in the city of New York and at Sayville, Long Island. Entered the navy as an *Assistant Surgeon*, September 2, 1861. Promoted to *Passed Assistant Surgeon*, April, 1865; to *Surgeon*, February 10, 1872, and to *Medical Inspector*, November, 1889; U. S. frigate "Potomac," West Gulf Blockading Squadron, 1861–4, during which time he saw much of the yellow fever epidemic at Pensacola, Florida; U. S. receiving-ship "North Carolina," New York, 1864–5; U. S. "Wateree," Pacific Station, 1865–7; was detailed to attend wounded at Callao, Peru, after bombardment of that city by Spanish Fleet, May 2, 1866; U. S. S. "Wampanoag," North Atlantic Station, 1868; Naval Hospital, Norfolk, Va., 1868–9; U. S. S. "Cyane," "Ossipee,"

"Pensacola," "Saranac," and "Onward," Pacific Station, 1869–72; Naval Academy, Annapolis, Md., and U. S. Rendezvous, New York City, 1873–4; U. S. S. "Saranac," North Pacific Station, 1874–5; shipwrecked at Seymore Narrows, British Columbia, June 18, 1875; Naval Hospital, Mare Island, California, 1875–6; U. S. flag-ship "Omaha," South Pacific Station, 1876–8; U. S. receiving-ship "Colorado," New York, 1879–81; U. S. S. "Vandalia," North Atlantic Station, 1882–4; Naval Laboratory, Brooklyn, New York, 1884; U. S. receiving-ship "Vermont," New York, 1885–8; U. S. S. "Pensacola," Atlantic Station, and U. S. flag-ship "Omaha," Asiatic Station, 1889–91; Navy Yard, New York, 1892–94, being present duty.

Daniel McMurtrie.—Commissioned an *Assistant Surgeon*, August 22, 1862; attached to Naval Hospital, New York, from September 2, 1862, to April 24, 1863; attached to flag-ship "Minnesota," North Atlantic Blockading Squadron, from April 29, 1863, till October 24, 1863; attached to iron-clad "Sangamon," N. A. B. Squadron, from October 24, 1863, to September 14, 1864; service in this vessel was off Charleston, from early part of January, 1864, until health impelled to request relief, which was granted in September; was frequently under fire from Fort Moultrie and the batteries on shore, and the duty was rendered doubly hazardous at night, from the torpedoes; waiting orders from September 20, 1864, to December 16, 1864; attached to U. S. S. "Muscoota," from December 15, 1864, to April 28, 1865; attached to iron-clad "Monadnock," from April 30, 1865, to September 28, 1865; this was one of the first iron-clads to enter a foreign port, being one of a special squadron, under command of Rear-Admiral Godon, to visit Havana that June for the purpose of intercepting the Confederate ram "Stonewall;" waiting orders from September 28, 1865, to March 13, 1866; attached to receiving-ship "Vermont," Navy Yard, New York, from March 14, 1866, to June 14, 1866; while attached, promoted to *Passed Assistant Surgeon*, May 11, 1866; attached to U. S. S. "Winnipeg," of the Naval Academy Practice Squadron, from June 16, 1866, to October 12, 1866; waiting orders from October 12, 1866, to November 1, 1866; attached to U. S. S. "Susquehanna," from November 2, 1866, to January 14, 1868; during service on the vessel visited Mexico, carrying newly-appointed Minister Lewis D. Campbell and General Sherman, with his chief-of-staff, Colonel Audenreid; later was on flag-ship of Rear-Admiral Palmer, W. I. Squadron; at St. Thomas at the time of the earthquake in December, 1867; contracted the yellow fever twice during the commission, and finally entered the port of New York in midwinter, carrying North the body of Admiral Palmer, who succumbed to the disease on the date of sailing from St. Thomas; out of commission; attached to U. S. S. "Wampanoag," from January 22, 1868, to February 17, 1868; detached at own request; waiting orders from February 17, 1868, to June 1, 1868; attached to U. S. S. "Mabeaska," at New Orleans, from June 8, 1868, to September 15, 1868, when she was put out of commission; attached to Navy Yard, Boston, from October 14, 1868, to May 6, 1869; attached to U. S. S. "Sabine," European cruise, from May 23, 1869, to August 3, 1870; out of commission; attached to receiving-ship "Potomac," at Philadelphia, from August 12, 1870, to November 8, 1870; detached at own request; waiting orders till January 7, 1871; attached to Naval Academy, from January 14, 1871, to August 9, 1871; detached at own request; attached to Navy Yard, New York, from August 12, 1871, to October 28, 1871; attached to receiving-ship "Vermont," at Navy Yard, New York, from October 20, 1871, to December 19, 1871; attached to Navy Yard, New York, from December 19, 1871, to April 19,

1872; attached to receiving-ship "Vermont," at New York, from April 19, 1872, to April 27, 1872; detached and ordered to Asiatic Station, per mail steamer; attached to U. S. S. "Ashuelot," from July 14, 1872, having joined her at Kobe, Japan. Promoted to *Surgeon*, June 29, 1872; detached from "Ashuelot," at Shanghai, China, and ordered home, June 23, 1875; reported home, August 20, 1875; attached to Naval Hospital, Chelsea, Mass., from November 22, 1875, to April 22, 1876; detached at own request; waiting orders till May 31, 1875; attached to receiving-ship "St. Louis," at League Island, Philadelphia, from June 1, 1876, to September 9, 1878; attached to U. S. S. "Quinnebaug," European Station, from September 25, 1878, to June 25, 1881; waiting orders until November, 1881, at own request; attached to receiving-ship "Franklin," at Norfolk, Va., from November 7, 1881, till July 18, 1883; detached at own request; waiting orders until January 7, 1884; attached to Naval Rendezvous, Philadelphia, from January 11, 1884, to April 10, 1884; attached to Navy Yard, Washington, D. C., from April 24, 1884, to January 10, 1885; detached and ordered to the charge of U. S. Naval Hospital, Yokohama; attached to U. S. Naval Hospital, Yokohama, Japan, July 20, 1885, till July 21, 1888; relieved and ordered home; reported arrival home, September 10, 1888; waiting orders till November, 1888; attached to receiving-ship "Vermont," from November 27, 1888, till September 28, 1889; attached to Navy Yard, New York, from September 28, 1889, to May, 1891. Promoted to *Medical Inspector*, February 8, 1890; "Lancaster," Asiatic Station, May, 1891, to September, 1893; waiting orders, September, 1893, to date.

Edward Kershner.—Born in Maryland. Appointed *Assistant Surgeon*, September 2, 1861; ordered to Washington Navy Yard, November, 1861; ordered to U. S. S. "Cumberland," and served on the "Cumberland" until her destruction by "Merrimac," March 8, 1862; Washington Navy Yard, until July, 1862, when he was ordered to "New Ironsides," siege of Charleston; detached from "Ironsides," February, 1864, and ordered to the monitor "Passaic;" August, 1864, ordered to iron-clad "Choctaw," Mississippi Squadron, and served to end of war; August, 1865, ordered to Naval Rendezvous, Philadelphia; January, 1866, ordered to U. S. S. "Tacony," flag-ship of N. A. S.; October, 1866, ordered to U. S. S. "Osceola," West India Squadron; September, 1867, ordered to receiving-ship "Potomac," at Philadelphia; December, 1867, to receiving-ship "Vermont," N. Y.; December, 1868, to November, 1871, U. S. S. "Richmond," Mediterranean Station. November 7, 1872, commissioned *Surgeon*, Naval Hospital, New York; 1871–2, receiving-ship "Vermont," N. Y.; 1874–7, Surgeon U. S. S. "Swatara," Transit of Venus Expedition to South Indian Ocean and Australia and West India Squadron; 1877–9, special duty, New York; training-ship, "Minnesota," 1879–82; Marine Barracks, New York, 1882–3; receiving-ships at New York, "Colorado" and "Vermont," 1883–5; "Omaha," Asiatic Station, 1885–8; one year as Fleet-Surgeon, Marine Rendezvous, New York, 1888–93; "New York," S. A. Station, August 1, 1893, to date.

William H. Jones.—Born in Pennsylvania, December 15, 1840. Appointed *Acting Assistant Surgeon* U. S. N., April, 1863; on duty, Naval Hospital, Norfolk, Virginia, 1863. Appointed *Assistant Surgeon* U. S. N., August 12, 1863; U. S. S. "Pensacola," W. G. B. Squadron, 1863–4; U. S. S. "Marblehead" (practice-cruise), 1864; U. S. Naval Academy, practice-ships, 1864; U. S. ram "Tennessee," W. G. B. Squadron, 1864–5; Naval Hospital, New Orleans, Louisiana, 1865; Naval Hospital, Pensacola,

Florida, 1865–6; U. S. S. "W. G. Anderson," W. G. B. Squadron, 1866; Navy Yard, Washington, District of Columbia, 1866–7. Promoted to *Passed Assistant Surgeon*, December 24, 1866; U. S. S. "Maumee," Asiatic Station, 1867–9; Navy Yard, Washington, District of Columbia, 1870–1; U. S. S. "Jamestown," South Pacific Station, 1871; U. S. S. "Saranac," North Pacific Station, 1871; U. S. S. "Pensacola," Pacific Fleet, 1871–3; U. S. S. "Portsmouth," survey of the Pacific, 1873–5. Commissioned as *Surgeon*, July, 1873; U. S. training-ship "Portsmouth," San Francisco, California, 1875; U. S. R. S. "Potomac," Philadelphia, Pennsylvania, 1875–7; U. S. training-ship "Constitution," Philadelphia, Pennsylvania, 1877; U. S. S. "Constitution," European Station, 1878–9; Naval Hospital, New York, 1879–81; "Michigan" (on the Lakes), 1881; "Wachusett," Pacific Station, 1881–5; Navy Yard, League Island, 1885–9; "Swatara," special service, March, 1890, to May, 1891. Promoted *Medical Inspector*, November 14, 1891; Navy Yard, League Island, May, 1891, to July, 1893; waiting orders, July, 1893, to date.

James M. Flint.—Born in Hillsborough, New Hampshire, February 7, 1838. Graduated from the Medical Department of Harvard University, March, 1860. Appointed an *Acting Assistant Surgeon*, April 14, 1862; served on board the barque "Ethan Allen," East Gulf Squadron, from May, 1862, until September, 1863. Commissioned as *Assistant Surgeon*, dated October 25, 1863; service from December, 1863, to July, 1865, on board gunboat "Hastings" (No. 15), Mississippi Squadron; October, 1865, to July, 1866, on receiving-ship "Alleghany," at Baltimore; August, 1866, ordered to U. S. S. "Pensacola," making a cruise to the Pacific; ordered home for examination, August, 1867. Promoted to *Passed Assistant Surgeon*, to date from December 13, 1866; December, 1867, to November, 1868, at the Naval Hospitals, New York and Chelsea; from November, 1868, to April, 1870, on board the U. S. S. "Franklin," European Station; after a brief term of service at Mound City, Illinois, and at the Naval Academy, was stationed at the Navy Yard, Boston, until October, 1871, ordered to the Pacific Station; was one year on board the "Pensacola," the remainder of the cruise on the "Saranac;" July, 1874, to May, 1876, at the Torpedo Station, Newport; and from the latter date until September, 1877, at the Naval Hospital, Chelsea; "Enterprise," European Station, 1878–80; special duty, Bureau of Medicine, 1880–4; Fish Commission steamer "Albatross," 1884–7; special duty, Fish Commission, 1887; special duty, Smithsonian Institute, 1887–91; "Miantonomah," N. A. Station, October, 1891, to May, 1893. Promoted to *Medical Inspector*, March 4, 1893; "Baltimore," Asiatic Station, May, 1893, to date.

George A. Bright.—Appointed *Acting Assistant Surgeon*, May 16, 1861; attached to U. S. S. "South Carolina," Gulf Squadron and North Atlantic Squadron, from May, 1861, to March, 1864. Appointed *Assistant Surgeon*, August 8, 1864; "New Ironsides," 1864–5; Naval Academy, and practice-ship "Marion," 1865–6; "Susquehanna," 1866–7, special duty. *Passed Assistant Surgeon*, September, 1867; Naval Hospital, Washington, 1867–8; "Kenosha," European Squadron, 1869–73; Naval Academy, 1873–6. *Surgeon*, September 12, 1874; unemployed, 1876–8; "Tuscarora" (Mexican Coast Survey), 1878–80; Naval Hospital, Mare Island, 1880–3; "Galena," 1883–5 (N. A. Station); "Constellation," 1885; "Brooklyn," N. A. Station, 1885–6; Navy Yard, Norfolk, Va., 1886–9; special duty, December, 1890, to June, 1891; "Newark," special service, June, 1891, to date. Promoted to *Medical Inspector*, May 11, 1893.

George F. Winslow.—Appointed an *Assistant Surgeon*, July 26, 1862; ordered to report to Rear-Admiral Charles Wilkes, commanding James River Flotilla; ordered to U. S. steamer "Morse," N. A. Blockading Squadron; detached from U. S. steamer "Morse," January 8, 1864; different engagements on James River with the Army of the Potomac, under command of General McClellan; White House Landing; Brick House Point, General Franklin; West Point, York River, General Gordon; Pamunky and Mattapony engagements; Nansemond River against General Longstreet, C. S. Army; ordered to "Osceola," February 24, 1864; detached, August 25, 1865; crossing of Grant's forces at Wilson's Landing; James River; both fights at Fort Fisher; Fort Strong and Fort Buchanan; Cape Fear River; taking of Wilmington and capture of Richmond; capturing prizes,—blockade-runners "Blenheim," "Charlotte," and "Stag;" frigate "Sabine," apprentice-system, September 5, 1865; detached, June 25, 1867. Promoted to *Passed Assistant Surgeon*, May, 1867; South Pacific Squadron, "Wateree," "Nyack," and "Powhatan," ordered, July 24, 1867; detached, December 23, 1869; wrecked by earthquake, August 13, 1868, at Arica, Peru; received thanks of Peruvian Congress for assistance rendered to the suffering people of the Province of Moquega, after the earthquake; received the thanks of Her Majesty's government for taking care of wrecked and frozen seamen in the Strait of Magellan; Navy Yard, Boston, April 9, 1870, to January 5, 1871; U. S. Naval Hospital, Chelsea, Massachusetts, ordered, January 6, 1871; detached, April 10, 1871; practice-cruise U. S. S. "Saratoga," May 1 to September, 1871; flag-ship "Wabash," European Squadron, ordered, October 5, 1871; detached, April 17, 1874; Portsmouth Navy Yard, apprentice-ship "Sabine," November 16, 1874, to November 13, 1875. Promoted to *Surgeon*, April 2, 1875; U. S. Torpedo Station, Newport, Rhode Island, 1876–8; "Vandalia," N. A. Station, 1879–82; Navy Yard, Boston, 1882–6; "Atlanta," N. A. Station, 1886–8; Marine Rendezvous, Boston, 1889, to August, 1891; Navy Yard, Norfolk, Va., August, 1891, to July, 1892; waiting orders, July, 1892, to February, 1893; "Monterey" and "Philadelphia," Pacific Station, February, 1893, to date. Promoted to *Medical Inspector*, August 21, 1893.

MEDICAL INSPECTORS ON THE RETIRED LIST.

Retired from incapacity resulting from long and faithful service.

Thomas Walter Leach.—Born in New Hampshire. Appointed from New Hampshire, July 29, 1858. Entered the service as *Assistant Surgeon*; attached to steam-frigate "Niagara," special service, 1858; steam-sloop "Brooklyn," Home Squadron, 1859–61; Naval Hospital, New York, 1862. Commissioned as *Surgeon*, May 22, 1862; steam-sloop "Lackawanna," North Atlantic Blockading Squadron, 1863, and West Gulf Blockading Squadron, 1864–5; Naval Hospital, New York, 1865; steam-sloop "Iroquois," Asiatic Fleet, 1867–70; Navy Yard, Portsmouth, N. H., 1870–2; Fleet-Surgeon, North Pacific Station, flag-ships "California" and "Richmond," 1872–4; Fleet-Surgeon, Asiatic Station, flag-ship "Hartford," 1874–5. Commissioned as *Medical Inspector*, April 5, 1875; member of Board of Examiners, Washington, D. C., 1875–7; delegate to American Medical Association, 1878; Naval Academy, Annapolis, Md., September to October, 1878; Navy Yard, Boston, Mass., 1879–80; Navy Yard, Portsmouth, N. H., 1880–1; special duty, Portsmouth, N. H., 1881–2; Fleet-Surgeon, North Atlantic Station, flag-ship "Tennessee," 1882–3. Retired in 1886.

William E. Taylor.—Born in Virginia. Appointed from Virginia, July 3, 1859. Entered the service as *Assistant Surgeon;* attached to sloop "Savannah," Home Squadron, 1859–60; sloop "St. Mary's," 1861. Commissioned as *Surgeon*, September 5, 1862; steam-sloop "Iroquois," North Atlantic Blockading Squadron, 1863–4; receiving-ship "Boston," 1864–5; iron-clad "Miantonomah," European Squadron, 1867; Navy Yard, Mare Island, California, 1869–71; "Pensacola," N. Pacific Station, 1871–2; "Saranac," same station, 1872–4; Navy Yard, Mare Island, 1875–8. Commissioned as *Medical Inspector*, 1877. Retired, 1881.

John C. Spear.—Born near Middletown, Delaware, March 12, 1839. Was graduated at the University of Pennsylvania as Doctor of Medicine, 1861. Commissioned *Assistant Surgeon* in the U. S. Navy, May 9, 1861; joined U. S. frigate "Roanoke," May, 1861; engaged blockading Charleston and Wilmington; participated in the engagement between the United States vessels-of-war and the rebel ram "Merrimac," Hampton Roads, March 8 and 9, 1862; was ordered on board the "Monitor" directly after the fight, to help to dress wounds of Captain John L. Worden, aiding Acting Assistant Surgeon Logue, of the "Monitor;" joined the U. S. steamer "Mahaska," April, 1862, and was employed on the blockade of the Atlantic coast for several months; present at the battle of Malvern Hill, and aided there in caring for wounded soldiers both on board ship and on shore; present at the shelling of Ruggle's Point and other minor engagements with rebel batteries on the James and the York Rivers; served as Surgeon and Adjutant of a land expedition under Commander Foxhall A. Parker, U. S. N., to Matthews' Court-House, Va.; engaged with rebel batteries mouth of Cape Fear River, N. C.; ordered to U. S. flag-ship "Minnesota" in the autumn of 1862, and served on board of her, North Atlantic Blockading Squadron, till the summer of 1863. Promoted to *Passed Assistant Surgeon*, October 26, 1863; on duty at Navy Yard, Philadelphia, 1863–4. Commissioned *Surgeon*, June 23, 1864; attached to U. S. S. "Seminole," West Gulf Blockading Squadron, 1864; present at the bombardment and surrender of Fort Morgan, Mobile Bay; transferred to U. S. S. "Monongahela," November, 1864, and served on blockade off the coast of Texas until spring of 1865, when ship was ordered home to New York at close of the war; was Attending Surgeon in the city of Washington, 1865, and also did duty as Assistant to the Chief of Bureau of Medicine and Surgery in the Navy Department at the same time; ordered to U. S. S. "Swatara," October, 1865; cruised in West Indies, 1865–6; in Europe and West Coast of Africa, 1866–8; "Swatara" captured John H. Surratt in Alexandria, Egypt, and brought him to Washington; autumn of 1868, detached from "Swatara" and transferred to flag-ship "Franklin," Admiral Farragut, and returned to United States; on duty at Naval Rendezvous, Philadelphia, 1869–70; in the winter of 1870–1, served as geologist of the Tehuantepec Surveying Expedition, and wrote a report of the geology and general resources of the Isthmus with reference to the construction of a ship-canal there; ordered to Naval Hospital in Philadelphia, 1871; served on the U. S. S. "Omaha," 1872–4, cruising on coast of Brazil and in the South Pacific; went as one of the boat's crew of volunteers to pick up an officer and man overboard at sea, off east coast of Patagonia, heavy sea running at the time; attached to the U. S. receiving-ship "Potomac," 1874–5; served on the U. S. monitor "Dictator," North Atlantic Squadron, for eighteen months, from June, 1875; had charge of quarantine measures to protect U. S. vessels-of-war in Port Royal waters from yellow fever, during an epidemic in the vicinity; commander-in-chief of station officially com-

mended services to Navy Department, under date of September 29, 1876; on duty in Washington, 1877–8, as member of Examining Board for admission and promotion of medical officers. Promoted to *Medical Inspector*, with relative rank of Commander, October, 1878; ordered to U. S. flag-ship "Trenton" as Fleet-Surgeon, European Station, September, 1879, serving till 1881; member of Medical Examining Board, Navy Department, 1881–2; and member of Examining Board in Philadelphia, 1882–3, for admission and promotion of medical officers; served as Surgeon of the Navy Yard, New York, 1883–6; was ordered as Director of U. S Naval Laboratory, Brooklyn, N. Y., September, 1886, serving till July, 1887, when was granted leave for one year on account of ill-health. Placed on retired list, September 14, 1888. Member of the Military Order of the Loyal Legion of U. S., No. 7353; member of the Academy of Natural Sciences of Philadelphia (1869).

Somerset Robinson.—Born in Maryland. Appointed from District of Columbia, May 9, 1861; entered the service as *Assistant Surgeon;* attached to steam-gunboat "Katahdin," West Gulf Squadron, 1861–3; Navy Yard, New York, 1864. Commissioned as *Surgeon*, December 18, 1864; sloop "Cyane," Pacific Squadron, 1865–6; steam-sloop "Saranac," North Pacific Squadron, 1867; receiving-ship "Norfolk," 1868–9; steamer "Monocacy," Asiatic Fleet, 1870–2; Navy Yard, Washington, 1873–4; "Plymouth," North Atlantic Station, 1874–8; training-ship "Minnesota," 1878–9. Promoted *Medical Inspector*, May 1, 1879; Fleet-Surgeon, N. A. Station, 1881–2; Naval Hospital, Mare Island, 1884–6. Retired, 1887.

Archibald C. Rhoades.—Born in New Jersey. Appointed from New Jersey, July 30, 1861: entered the service as *Assistant Surgeon;* attached to steamer "Pocahontas," West Gulf Blockading Squadron, 1862–3; Naval Hospital, New York, 1864. Commissioned as *Surgeon*, March 19, 1865; steamer "Bienville," West Gulf Blockading Squadron, 1865; steam-sloop "Shenandoah," East India Squadron, 1866–9; Naval Hospital, Philadelphia, 1870; member Board of Examiners, 1871; store-ship "Guard," 1873–4; R. S. "Vermont," 1874–5; Naval Hospital, Yokohama, 1877–81; *Medical Inspector*, August 20, 1879; member of Examining Board, 1881–2; Naval Academy, 1882–3; "Tennessee," N. A. Station, 1885; Fleet-Surgeon, N. A. Station, 1885–6; special duty, New York, 1886–8. Retired, September 14, 1888.

A. S. Oberly.—Born in Pennsylvania, April 7, 1837. Appointed from Connecticut; commissioned as *Assistant Surgeon*, July 30, 1861; attached to receiving-ship "Ohio," Boston, and to frigate "Sabine," 1861; gunboat "Kineo," West Gulf Blockading Squadron, 1862–3; present during the bombardment and passage of Forts Jackson and St. Philip, 1862; at the attempted passage of the batteries at Port Hudson by Farragut's fleet, March 14, 1863; engagement with batteries at Grand Gulf, Donaldsonville, battle of Baton Rouge, and siege of Port Hudson, 1862–3; at the request of the Medical Director, on duty with the army during the siege of Port Hudson, and, owing to want of army surgeons, assisted also in caring for the Union and Confederate wounded after the attack on Fort Butler, 1863; Naval Academy, 1863–4, including summer cruise of the "Macedonian;" steamer "Santiago de Cuba," 1864–5; present during both bombardments on Fort Fisher, in December, 1864, and January, 1865; Naval Hospital, New York, and steamer "Rhode Island," 1865; Navy Yard, New York, 1866. Commissioned as *Surgeon*, June 19, 1866; Naval Station, Mound City, Illinois, 1866–8; steam-sloop "Narraganset," West Indies, 1869; sloop "Portsmouth," South Atlantic Squadron, 1870–1; receiving-ship and Navy Yard at Boston,

1871–3; iron-clad "Dictator," North Atlantic Fleet, 1874–5; Navy Yard and Hospital, Pensacola, Florida, 1875–9; Torpedo Station. Newport, R. I., 1879–80; U. S. S. "Rhode Island." North Atlantic Station, 1880–1; U. S. S. "Richmond," and as Fleet-Surgeon of the Asiatic Station. 1881–4. Commissoned as *Medical Inspector*, March 4, 1884; U. S. Navy Yard and Hospital, Portsmouth, N. H., 1884–8; U. S. S. "Richmond." 1888. Retired, January, 1889, from causes incident to exposure on Asiatic Station. 1881–4.

Theoron Woolverton.—Born in Canada. Appointed from Pennsylvania, July 17, 1862; entered the service as *Assistant Surgeon;* attached to steam-frigate "Wabash," South Atlantic Blockading Squadron, 1863; Naval Hospital, Chelsea. Mass., 1864; West Gulf Blockading Squadron, 1865; Bureau of Medicine and Surgery, 1866; steamer "Monocacy," Asiatic Squadron, 1866–9. Commissioned as *Surgeon*, November 23, 1868; steamer "Michigan" 1870–1; "Shenandoah," European Fleet, 1871–3; receiving-ship "Ohio," 1874–7; "Plymouth," North Atlantic Squadron, 1877–8; "Powhatan," N. A. Squadron, 1879–80; Naval Hospital, Philadelphia, 1881–4; "Shenandoah," Pacific Station, 1884–6; Navy Yard, Washington, 1887–9. Promoted to *Medical Inspector*, June, 1888; "Philadelphia," N. A. Station, September, 1890, to date of retirement, November. 13, 1891.

SURGEONS ON THE ACTIVE LIST.

Hosea J. Babin.—Appointed *Acting Assistant Surgeon*, February 10, 1865. Commissioned as *Assistant Surgeon*, May 13, 1865; R. S. "Ohio," 1865; practice-ship "Marblehead," 1865; "Paul Jones," Gulf Squadron, 1866–7; apprentice-ship "Sabine," 1867–8; R. S. "Potomac," 1868–9. Promoted to *Passed Assistant Surgeon*, 1869; "Severn," flag-ship, N. A. Fleet, 1869–71; Navy Yard, Boston, 1871–2; "Hartford," flag-ship, Asiatic Station, 1872–5; R. S. "Colorado," 1875–6. Commissioned as *Surgeon*, March 17, 1876; Marine Barracks, Brooklyn, 1876–9; "Marion," South Atlantic Station, 1879–82; Marine Rendezvous, New York, 1883–6; "Vandalia," flag-ship, Pacific Station, 1886–9; R. S. "Vermont," 1889 to May, 1893; temporary duty, Naval Academy, May, 1893, to September, 1893; waiting orders, September, 1893, to date.

Joseph B. Parker.—Native of Pennsylvania. Entered volunteer service as *Acting Assistant Surgeon*, March, 1863, and served continuously in the Mississippi Squadron until October, 1865, date of honorable discharge; previous duty during the war, at army hospitals, Camden and University (Baltimore), Campbell (Washington), Lawson (St. Louis, Mo.). Appointed *Assistant Surgeon*, November 24, 1866; *Passed Assistant Surgeon*, December 31, 1867; *Surgeon*, August 13, 1876. Miscellaneous service in the following order: Naval Academy, "De Sota" North Atlantic Squadron; Rendezvous, New York; "Tallapoosa," "Nantasket," North Atlantic Squadron; receiving-ship "Potomac;" hospital, Chelsea; hospital, Brooklyn; "Yantic," Asiatic Squadron; special duty, Bureau Medicine and Surgery; assistant to Chief of Bureau Medicine and Surgery; "Wachusett," Pacific Squadron; Torpedo Station; "Swatara" and "Ossipee," North Atlantic Squadron; Navy Yard, Boston, August, 1888, to October, 1891; waiting orders, October, 1891, to January, 1892; "Charleston," special service, squadron, January, 1892, to date.

Joseph G. Ayers.—Born in New Hampshire. Second and First Lieutenant, 15th Regiment New Hampshire Vols., November 3, 1862, to August

13, 1863; Acting Assistant Surgeon, U. S. Army, June 28 to October 27, 1864; Acting Assistant Surgeon, U. S. Navy, December 17, 1864, to September 24, 1866. Appointed *Assistant Surgeon*, October 8, 1866; Naval Academy, 1866–8; "Contocook," "Monongahela" and "Penobscot," North Atlantic Fleet, 1868–9. Promoted to *Passed Assistant Surgeon*, 1869; Naval Hospital, Washington, 1869–70; "Resaca," Pacific Fleet, 1870–2; Bureau Medicine and Surgery, 1872–3; "Saco," Naval Hospital, and "Ashuelot," Asiatic Station, 1873–7. Promoted to *Surgeon*, January 7, 1878; Naval Laboratory, New York, 1878–81; "Constellation," 1881; "Adams," Pacific Station, 1882–4; Torpedo Station, 1885–7; "Galena," North Atlantic Station, 1887–90; R. S. "Wabash," November, 1890, to September, 1891; Navy Yard, Portsmouth, N. H., September, 1891, to date.

Abel F. Price.—Born in Pennsylvania. Appointed *Assistant Surgeon*, November 10, 1868; Naval Hospital, Washington, 1869–70; "Juniata," European Fleet, 1871–3. Promoted to *Passed Assistant Surgeon*, 1872; "Powhatan," North Atlantic Fleet, 1873–4; R. S. "Potomac," 1875; "Monocacy," Asiatic Station, 1877–81. Promoted to *Surgeon*, August, 1878; Naval Hospital, Chelsea, 1881; R. S. "St. Louis," 1881–4; "Ossipee," Asiatic Station, 1884–7; Naval Dispensary, Washington, 1887–90; special duty, December, 1890, to March, 1891; "Monongahela" (apprentice ship), March, 1891, to date.

M. C. Drennan.—Born in Pennsylvania. Appointed as *Acting Assistant Surgeon* in 1863, and served in Blockading Squadron during Rebellion. Appointed *Assistant Surgeon* in 1868; practice-ship "Macedonian," 1869; Naval Hospital, Norfolk, 1869–70; Naval Academy, 1871; "Nantasket," North Atlantic Station, 1871–2. Promoted to *Passed Assistant Surgeon*, 1872; "Pawnee," North Atlantic Station, 1874; "Ashuelot," Asiatic Fleet, 1875–7; Naval Hospital, Yokohama, 1877–8; Naval Station, New London, January, 1879–82. Promoted to *Surgeon*, April, 1879; "Kearsarge," European Station, 1882–5; R. S. "New Hampshire," 1885–7; "Atlanta," special service, 1888 to October, 1891; leave of absence, October, 1891, to July, 1892; Navy Yard, Norfolk, July, 1892, to April, 1893; R. S. "Vermont," April, 1893, to date.

James Albert Hawke.—Born in Pennsylvania. Assistant Surgeon, 114th Pa. Vols., 1863–4; Surgeon, 215th Pa. Vols., 1865. Appointed *Assistant Surgeon*, June 24, 1866; Naval Hospital, Philadelphia, 1867–8; "Dacotah," Pacific Fleet, 1869–70; "St. Mary's," Pacific Fleet," 1870–2. Promoted to *Passed Assistant Surgeon*, 1872; "Wasp," South Atlantic Fleet, 1873–6; Naval Hospital, Philadelphia, 1875–8. Promoted to *Surgeon*, May, 1879; "Monocacy," Asiatic Station, 1880–2; R. S. "Wabash," 1883–5; "Essex," Asiatic Station, 1886–9; Naval Hospital, Widow's Island, January, 1894; waiting orders to date.

Robert Augustine Marmion.—Born in Virginia. Appointed from West Virginia, *Assistant Surgeon*, March 26, 1868; Naval Hospital, New York, September, 1868, to April, 1869; U. S. S. "Galena," April to June, 1869; "Ossipee," Pacific Fleet, July to September, 1869; "Cyane," Pacific Fleet, September, 1869, to August, 1871; "Pensacola," Pacific Fleet, August, 1871; "Saranac," Pacific Fleet, September, 1871, to April, 1872. Examined, October, 1872, and promoted to be *Passed Assistant Surgeon*, to take rank from March 26, 1871; Naval Hospital, Washington, D. C., July, 1872, to August, 1873; "Alaska," European Fleet, August, 1873, to October, 1876; Navy Yard, Boston, March and June, 1877; Naval Hospital, Mare Island, California, September, 1878, to October, 1879. Promoted to *Surgeon*, June

3, 1879; "Portsmouth," training-ship, October, 1879, to November, 1882; Headquarters U. S. Marine Corps, December, 1882, to December, 1885; "Juniata," around the world, January, 1886, to March, 1889; receiving-ship "Franklin," April to June, 1889; Navy Yard, Norfolk, Va., June, 1889, to August, 1891; Navy Yard, Boston, Mass., August 15, 1891, to date.

Benjamin S. Mackie.—Born in Louisiana. Appointed *Assistant Surgeon*, April 29, 1869; Naval Hospital, Pensacola, 1869, and Naval Hospital, at New York, 1870; "Franklin," flag-ship, E. S., 1870–1; "Canonicus," (iron clad), N. A. Fleet, 1871–2. Promoted to *Passed Assistant Surgeon*, 1872; Naval Laboratory, New York, 1872–5; "Tennessee," Asiatic Fleet, 1875–8. Promoted to *Surgeon*, August, 1879; Naval Rendezvous, Philadelphia, September, 1879–81; training-ship "Jamestown," 1882–4; recorder Medical Examining Board, Philadelphia, 1885–9; waiting orders, August, 1890, to June, 1891; member of Examining Board, New York, June, 1891, to October, 1893; President Medical Board of Examiners, League Island, Philadelphia, October, 1893, to date.

Dwight Dickinson.—Born in New York Appointed *Assistant Surgeon*, April 21, 1869; "Yantic," N. A. Fleet, 1870–1; Naval Hospital, N. A., 1871–2. Promoted to *Passed Assistant Surgeon*, 1872; Naval Hospital, Yokohama, 1872–6; S. S. "Jamestown," 1876–7; Navy Yard, Boston, 1877–8. Promoted to *Surgeon*, December, 1879; "Adams," Pacific Station, 1879–82; Naval Hospital, Mare Island, 1883–5; training-ship "Portsmouth," 1885–8; Naval Hospital, Mare Island, 1888–9; Navy Yard, Mare Island, 1890–92; waiting orders, March, 1892, to March, 1893; "Miantonomah," N. A. Station, March, 1893, to date.

William G. Farwell.—Born in Canada. Appointed *Assistant Surgeon*, November 10, 1868; Naval Hospital, New York, 1869; "Lancaster," S. A. Station, 1869–72. Promoted to *Passed Assistant Surgeon*, 1872; Naval Hospital, Philadelphia, 1873–4, "Pensacola," North Pacific Station, 1874–76; Naval Hospital, Mare Island, 1876–9; Coast Survey steamer "Hassler," 1879–81. Promoted to *Surgeon*, January, 1881; Naval Station, New London, 1881; Naval Hospital, Norfolk, Va., 1882–5; U. S. S. "Kearsarge," European Station, 1885–7; training-ship "Saratoga," 1887–8; receiving-ship "Franklin," 1888–9; Naval Hospital, Norfolk, 1889 to Dec., 1892; waiting orders, Dec., 1892, to June, 1893; R. S. "Franklin," June, 1893, to date.

John W. Ross.—Born in Tennessee. Appointed *Assistant Surgeon*, March 21, 1870; "California," Pacific Fleet, 1871–2; Naval Hospital, Norfolk, 1874; "Franklin," European Station, 1875–6. Promoted to *Passed Assistant Surgeon*, 1875; "Trenton," European Station, 1877. Promoted to *Surgeon*, August, 1881; school-ship "St. Mary's," 1879–81; "Iroquois," Pacific Station, 1882–5; Navy Yard, Pensacola, 1886–9; waiting orders, December, 1889, to May, 1890; Navy Yard. Pensacola, May, 1890 to December, 1893; waiting orders, December, 1893, to date.

John C. Wise.—Born in Virginia. Appointed *Assistant Surgeon*, April 28, 1870; "Guerriere," European Station, 1870–2; Naval Hospital, Philadelphia, 1873; Navy Yard, Norfolk, 1874. Promoted to *Passed Assistant Surgeon*, 1874; S. S. "Despatch," 1875–9; training-ship "Minnesota," 1881; training-ship "New Hampshire," 1881–4. Promoted to *Surgeon*, September, 1882; training-ship "Jamestown," 1884–7; Torpedo Station, 1887–90; "Alliance," Asiatic Station, October, 1890, to July, 1893; Navy Yard, Washington, D C., July, 1893, to date.

John L. Neilson.—Born in Ohio. Appointed *Assistant Surgeon*, April 28, 1870; "Dictator" (iron-clad), N. A. Station, 1870–1; Naval Hospital,

Philadelphia, 1872. Promoted to *Passed Assistant Surgeon*, 1873; "Tuscarora," P. Fleet, 1872–5; Navy Yard, Philadelphia, 1875–7; "Supply" (store-ship), Havre, 1877–9; Naval Hospital, New York, 1879–81. Promoted to *Surgeon*, October, 1882; R. S. "New Hampshire," Naval Academy and U. S. S. "Wyoming, 1881–3; U. S. S. "Ranger," Pacific Station, 1883–86; R. S. "New Hampshire," 1886–9; training-ship "Portsmouth," 1889, to April 1892; member Board of Medical Examiners, New York, April, 1892, to date.

George P. Bradley.—Born in Maine. Appointed *Assistant Surgeon*, September 7, 1870; "Severn," flag-ship, N. A. Station, 1870–1; Naval Hospital, Washington, 1872–3; Navy Yard, Boston, 1874. Promoted to *Passed Assistant Surgeon*, 1874; Navy Yard, Norfolk, 1876; "Hartford," N. A. Station, 1876–7; Naval Hospital, Chelsea, 1880–2; "Alliance," N. A. Station, 1882–5. Promoted to *Surgeon*, August, 1883; Naval Hospital, Philadelphia, 1885–7; "Mohican," Pacific Station, 1889, to October, 1891; R. S. "Wabash," October, 1891, to date.

Charles U. Gravatt.—Born in Virginia. Appointed *Assistant Surgeon*, September 27, 1870; "Pawnee," N. A. Station, 1871; Naval Hospital, Philadelphia, 1872; receiving-ship "Ohio," 1873, and receiving-ship "Independence," 1874. Promoted to *Passed Assistant Surgeon*, 1874; "Yantic," Asiatic Station, 1875–7; receiving-ship "Wyoming," 1877; Naval Hospital, Norfolk, 1877–80; "Kearsarge," N. A. Station, 1880–2; Naval Hospital, Chelsea, 1882–4. Promoted to *Surgeon*, November, 1883; "Michigan," Northwestern lakes, 1884–8; Naval Hospital, Yokohama, Japan, 1889 to October, 1891; Naval Hospital, New York, October, 1891, to July, 1893; special duty, Smithsonian Institute, July, 1893, to date.

Paul Fitzsimons.—Born in Georgia. Appointed *Assistant Surgeon*, December 19, 1871; Naval Hospital, Philadelphia, 1871–2; "Saranac," Pacific Fleet, 1872–3; "Pensacola," same station, 1874; and "Tuscarora," Pacific Fleet, 1875. Promoted to *Passed Assistant Surgeon*, 1875; Naval Hospital, New York, 1876; Naval Hospital, Washington, 1877–8; "Ashuelot," Asiatic Station, 1879–80; Naval Hospital, Philadelphia, 1880–2; "Tennessee," N. A. Station, 1882–5. Promoted to *Surgeon*, March, 1884; R. S. "Franklin," March, 1885–7; "Marion," Asiatic Station, 1887–90; Torpedo Station, September, 1890, to Nov., 1893; Navy Yard, Mare Island, Nov., 1893, to date.

William S. Dixon.—Born in District of Columbia. Appointed *Assistant Surgeon*, January 27, 1871; "Wachusett," European Station, 1871–3; Naval Hospital, Washington, 1874–5; R. S. "Independence," 1875–7. Promoted to *Passed Assistant Surgeon*, 1875; "Powhatan," North Atlantic Station, 1877–9; special duty, Washington, 1879–82; Coast S. S. "Hassler," 1883–5. Promoted to *Surgeon*, June, 1884; Marine Rendezvous, New York, 1886–7; special duty, Baltimore, 1887–9; "Boston," Squadron of Evolution, 1889–91; waiting orders, December, 1891, to April, 1892; special duty, Smithsonian Institute, April, 1892, to January, 1893; Naval Dispensary, Washington, D. C., July, 1893, to date.

A. F. Magruder.—Born in District of Columbia. Appointed *Assistant Surgeon*, April 21, 1871; "Iroquois," Asiatic Station, 1872–4; Navy Yard, Mare Island, 1875. Promoted to *Passed Assistant Surgeon*, 1875; Navy Yard, Mare Island, 1875–6; "Saratoga," training-ship, 1877–9; Navy Yard, Washington, 1880–1; charge medical stores, Villefranche, 1882–4. Promoted to *Surgeon*, January, 1885; "Dolphin," special service, 1884–5; "Yantic," N. A. Station, 1885–8; Marine Headquarters, Washington, 1888, to October, 1891; "Boston," Pacific Station, October, 1891, to November, 1893; sick leave, November, 1893, to date.

Charles A. Siegfried.—Born in Northampton County, Pa. Appointed *Assistant Surgeon*, June 8, 1872; "Richmond." West Indies and Pacific Station, 1872–5. Promoted to *Passed Assistant Surgeon*, 1875; Naval Hospital, N. Y., 1876–7; R. S. "Wyoming," Washington, 1877; "Alert," Asiatic Station, 1878–81; James River iron-clads, 1881; R. S. "Colorado," N. Y., 1882; training-ship "Saratoga," 1882–4; Naval Hospital, N. Y., 1884–6. Promoted to *Surgeon*, January, 1885; "Quinnebaug," European Station, 1887–9; Naval Training Station, Newport, 1889; training-ship "Richmond," December, 1889, to December, 1893; leave of absence, December, 1893, to date.

Remus C. Persons.—Born in Alabama. Appointed *Assistant Surgeon*, March 5, 1872; Naval Hospital, Mare Island, April, 1872–3; store-ship "Onward," Callao, 1872–5. *Passed Assistant Surgeon*, 1875; receiving-ship "Sabine," 1876; "Montauk," "Passaic" and "Wyandotte," 1877; Navy Yard, Washington, 1877–9; Coast Survey steamer "Blake," 1879–82; receiving-ship "Wyandotte," 1882–4; training-ship "Saratoga," 1884–7. Promoted to *Surgeon*, 1885; in charge Army and Navy Hospital, Hot Springs, Ark., May to November, 1888; Naval Hospital, New York, 1888–90; waiting orders, October, 1890, to February, 1891; "Concord," N. A. Station, February, 1891, to June, 1893; leave of absence, June, 1893, to August, 1893; R. S. "Minnesota," August, 1893, to date.

Nelson McP. Ferebee.—Born in North Carolina. Appointed *Assistant Surgeon*, September 12, 1872; "Portsmouth" and "Pensacola," Pacific Fleet, 1872–5; especially commended in letter to the Navy Department by commanding officer of "Pensacola" for attention and care of sick during prevalence of fever on that ship, at Panama, in 1873. Promoted to *Passed Assistant Surgeon*, 1875; R. S. "Worcester" and Navy Yard, Norfolk, Va., 1876–7; training-ship "Minnesota," 1878; "Jamestown," at Sitka, Alaska, 1879–81; established a hospital and free dispensary for Indians and poor whites at Sitka; Hospital and Navy Yard, Norfolk, 1882–3; "Trenton," Asiatic Station, 1884–6. Promoted to *Surgeon*, March, 12, 1886; R. S. "Franklin," 1887–9; "Essex," S. A. Station, April, 1890, to July, 1891; "Atlanta," S. A. Station, and Naval Review Fleet, October, 1891, to July, 1893; Navy Yard, Norfolk, Va., July, 1893, to date.

Franklin Rogers.—Born in Pennsylvania. *Assistant Surgeon*, March 29, 1872; "Tallapoosa," 1872; "Juniata," 1873 to 1876. Promoted to *Passed Assistant Surgeon*, in 1876; "Minnesota," 1876–7; receiving-ship "Franklin," 1877–8; C. S. steamer "Gedney," 1878–9; R. S. "St. Louis," 1879–81; "Richmond," Asiatic Station, 1881–4; Naval Academy, 1884–6; Marine Rendezvous, New York, 1887; "Alliance," S. A. Station, 1887–9; special duty, Norfolk, 1889 to July, 1891; Naval Hospital, Yokohama, Japan, July, 1891, to date.

James R. Waggener.—Born in Kentucky. Appointed *Assistant Surgeon*, July 29, 1872; "Vermont," 1872–3; "Worcester," N. A. Station, 1873–5; Naval Hospital, Norfolk, 1875–7. Promoted to *Passed Assistant Surgeon*, 1875; to *Surgeon*, March, 1887; "Despatch," special service, 1878–9; receiving-ship "Wabash," 1879–80; "Vandalia," N. A. Station, 1880–1; iron-clads, James River, 1881–2; school-ship "St. Mary's," 1882–4; "Hartford," Pacific Station, 1884–6; "Iroquois," Pacific Station, 1886–7; recruiting-ship "Minnesota," 1887–9; "Kearsarge," N. A. Station, August, 1890, to December, 1892; waiting orders, December, 1892, to March, 1893; Navy Yard, Norfolk, Va., March, 1893, to July, 1893; Nautical school-ship "St. Mary's," July, 1893, to date.

Thomas H. Streets.—Born in Delaware. Appointed *Assistant Surgeon*, April 12, 1872; "Portsmouth," Pacific Fleet, 1872–5. Promoted to *Passed Assistant Surgeon*, 1876; special duty, Smithsonian Institute, 1876–7; "Speedwell," N. A. Station, 1877–8; Naval Hospital, Yokohama, 1878–80; Asiatic Station, 1880–1; special duty, Washington, 1881–4; C. S. S. "Patterson," 1884–7. Promoted to *Surgeon*, May, 1887; member of Examining Board, New York, 1888 to June, 1891; "Bennington," S. A. Station, June, 1891, to date.

Manly H. Simons.—Born in State of New York. Resident of State of Ohio. Appointed, May 28, 1872. Promoted to *Passed Assistant Surgeon*, 1876; *Surgeon*, August, 1887; N. A. fleet "Powhatan" and "Congress," July, 1872, to April, 1875; "Congress," while at Key West, January to March, 1874, during Cuban trouble; U. S. R. S. "Ohio" and Navy Yard, Boston, April, 1875, to May, 1877; U. S. R. S. "Colorado," September, 1877, to April, 1878; C. S. steamer "Bache," April, 1878, to September, 1880; Navy Yard, Boston, January, 1881, to October, 1882; Naval Hospital, Chelsea, October, 1882, to April, 1883; Naval Hospital, Yokohama, June, 1883, to February, 1884; Asiatic Fleet, "Alert," February, 1884, to September, 1886; Naval Academy, December, 1886, to September, 1888; Naval Hospital, Widows' Island, October, 1888–90; "Enterprise," N. A. Station, July, 1890, to November, 1891; "Mohican," Pacific Station, November, 1891, to December, 1893; Naval Hospital, Widows' Island, Maine, December, 1893, to date.

John C. Boyd.—Born in South Carolina. Appointed *Assistant Surgeon*, April 3, 1873; "Fortune," N. A. Station, 1873–4; practice-ship "Constellation," 1875; receiving-ship "Potomac," 1876. Promoted to *Passed Assistant Surgeon*, 1876; receiving-ship "Franklin," 1877; "Guard" (store-ship), 1877–80; Naval Hospital, Washington, 1880–1; "Lancaster," European Station, 1881–4; Navy Yard, Washington, 1884–5; Bureau of Medicine and Surgery, 1885–9. Promoted to *Surgeon*, September, 1887; "Yorktown," Squadron of Evolution, 1889 to December, 1891; Bureau of Medicine and Surgery, December, 1891 to April, 1892; Assistant Bureau of Medicine and Surgery, April, 1892, to date.

George E. H. Harmon.—Born in Maryland. Appointed *Assistant Surgeon*, December 20, 1873; Naval Academy, 1874; "Franklin," flag-ship, European Station, 1874–6; Naval Academy, 1877–9. Promoted to *Passed Assistant Surgeon*, 1877; training-ship "Minnesota," 1879–81; "Alert," Asiatic Station, 1881–2; training-ship "Minnesota," 1882–3; "Michigan" (N. W. Lakes), 1883–4; Navy Yard, Norfolk, Va., 1884; Naval Academy, 1884–5; "Pensacola," European Station, 1885–8. Promoted to *Surgeon*, March, 1888; Naval Academy, 1888 to September, 1891; "Yorktown," Pacific Station, September, 1891, to date.

Howard Wells.—Born in Pennsylvania. Appointed *Assistant Surgeon*, December 12, 1873; "Colorado," N. A. Station, 1874; "Worcester," N. A. Fleet, 1875; "Hartford," N. A. Fleet, 1875–7. Promoted to *Passed Assistant Surgeon*, 1876; Naval Hospital, Brooklyn, 1877–8; training-ship "Constitution," 1879–81; Naval Hospital, Philadelphia, 1882–4; "Monongahela," store-ship, 1884–5; "Hartford," Pacific Station, 1885–6; January to May, 1887, U. S. R. S. "Independence;" training-ship "Jamestown," 1887–8. Promoted to *Surgeon*, June, 1888; Naval Hospital, Chelsea, 1888 to September, 1891; special duty, Navy Yard, Portsmouth, N. H., September, 1891, to May, 1892; training-ship "Portsmouth, May, 1892, to date.

Daniel N. Bertolette.—Born in Pennsylvania. Appointed *Assistant Surgeon*, June 23, 1873; Naval Hospital, Norfolk, Va., 1873; "Worcester," N. A. Station, 1873–6; "Constellation," practice-cruise, 1876. Promoted *Passed Assistant Surgeon*, 1877; training-ship "Minnesota," 1877–8; Naval Hospital, New York, 1878–9; "Wyoming," European Station, 1879–80; "Trenton," European Station, 1881; Naval Academy, 1881–4; "Dale," practice-cruise, 1884; "Dolphin," 1884; "Tennessee," N. A. Station, 1885–7; "Thetis," Pacific Station, 1887–9. *Surgeon*, September, 1888; receiving-ship "Franklin," 1889; Naval Hospital, Philadelphia, 1889–90; World's Columbian Exposition, December, 1890, to December, 1893; waiting orders, December, 1893, to date.

Ezra Z. Derr.—Born in Maryland. Appointed *Assistant Surgeon*, March 3, 1873; Naval Academy, April, 1873; "Constellation," N. A. Station, June, 1873; monitor "Manhattan," N. A. Station, 1873–4; "Hartford," Asiatic Station, 1874; "Monocacy," Asiatic Station, 1875–6. Promoted to *Passed Assistant Surgeon*, 1877; training-ship "Constitution," N. A. and European Stations, 1877–8; receiving-ship "Colorado," 1879; Naval Hospital, Norfolk, Va., 1879–80–81; coast-survey steamer "Bache," 1881–4; Navy Yard, New York, 1884–7; "Nipsic," Pacific Station, 1887–90. Promoted to *Surgeon*, September 15, 1888. On board "Nipsic" during hurricane at Samoa, March 15, 1889; receiving-ship "Minnesota," New York, 1890–3; Navy Yard, League Island, Pa., November 1, 1893, to date.

Franklin Bache Stephenson.—Born in Pennsylvania. Appointed *Assistant Surgeon*, March 14, 1873; "Ossipee," N. A. Station, 1873–6. Promoted to *Passed Assistant Surgeon*, 1877; "Shenandoah," S. A. Station, 1879–82; Navy Yard, Norfolk, 1882–3; Navy Yard, New York, 1883–4; C. S. S. "Bache," 1884–7; Navy Yard, Boston, 1887–8. Promoted to *Surgeon*, September, 1888; R. S. "Wabash," 1888–90; waiting orders, November, 1890, to April, 1891; "Marion," Asiatic Station, April, 1891, to date.

Presley M. Rixey.—Born in Virginia. Appointed *Assistant Surgeon*, January 28, 1874; "Congress," E. Station, 1874–6; Marine Hospital, Philadelphia, 1876–7. Promoted to *Passed Assistant Surgeon*, 1877; Navy Yard, Norfolk, 1877–9; "Tallapoosa," special service, 1879–81; special duty, Washington, 1882–4; "Lancaster," European and South Atlantic Station, 1884–7; Naval Dispensary, Washington, 1887, to February, 1893. Promoted to *Surgeon*, November, 1888; "Dolphin," special service, February, 1893, to date.

W. A. McClurg.—Commissioned *Assistant Surgeon*, February 8, 1874; Naval Hospital, Philadelphia, June 12 to November 18, 1874; U. S. F. S. "Pensacola," N. P. Station, November 18, 1874, to February 16, 1875; "Tuscarora," February 16, 1875, to September 14, 1876; U. S. S. "Plymouth," N. A. Station, January 26, 1877, to July 7, 1877; store-ship "New Hampshire," Port Royal, S. C., December 10, 1877, to January 6, 1879; Naval Hospital, Washington, January 6, 1879, to December 2, 1879; U. S. S. "Tennessee," N. A. Station, December 2, 1879, to December 2, 1882; Naval Academy, Annapolis, December 7, 1882, to May, 1883; practice-ship "Dale," May to September 1, 1883; Naval Academy, September 1, 1883, to October 7, 1884; Naval Hospital, Philadelphia, October 7, 1884, to January 6, 1886; "Tallapoosa," S. A. Station, January 6, 1886, to March 7, 1889; Bureau of Medicine and Surgery, June 1, 1889, to June, 1893. Promoted to *Passed Assistant Surgeon*, November 2, 1877; to *Surgeon*, January 25, 1889; "Concord," Asiatic Station, June, 1893, to date.

C. G. Herndon.—Appointed from Virginia. *Assistant Surgeon*, May 3, 1874. *Passed Assistant Surgeon*, March 26, 1878; "Canadaigua," North Atlantic Station, 1874–7; R. S. "Colorado," 1877–8; Asiatic Station, 1878–81; R. S. "Franklin," 1881–3; Fish Commission steamer "Albatross," 1883–4; special duty, Washington, 1884–7; "Enterprise," European Station, 1887–90; Marine Rendezvous, New York, October, 1890, to June, 1893. Promoted to *Surgeon*, February 8, 1890; Bureau of Medicine and Surgery, June, 1893, to date.

L. G. Heneberger.—Appointed from Virginia. *Assistant Surgeon*, June 17, 1874. *Passed Assistant Surgeon*, November 9, 1877; Naval Hospital, Mare Island, Cal., 1874–5; "Pensacola," North Pacific Station, 1875–7; iron-clads, James River, 1878; Naval Hospital, Washington, 1878–9; "Trenton," European Station, 1879–81; Naval Hospital and Museum of Hygiene, Washington, 1882; Navy Yard, New York, 1883–4; "Despatch," special service, 1884–7; Naval Hospital, New York, 1887–8; special duty, New York City (attending physician to officers' families), 1888; "Minnesota," recruiting and training-ship, New York Harbor, 1888–9; "Iroquois," Pacific Station, 1889, to May, 1892. Promoted to *Surgeon*, May 5, 1890; leave of absence, May, 1892, to May, 1893; special duty, New York, July, 1893, to date.

E. H. Green.—Appointed from Indiana. *Assistant Surgeon*, March 11, 1875. *Passed Assistant Surgeon*, November 22, 1878; "Swatara," North Atlantic Station, 1875–8; leave of absence, 1879; "Swatara," Asiatic Station, 1880–2; Museum of Hygiene, 1883–4; Greely Relief Expedition U. S. S. "Thetis," April, 1884, to November, 1884; Museum of Hygiene, 1885–6; Naval Laboratory, New York, 1886–7; "Alert," Pacific Station, 1887–90; R. S. "Dale," May, 1890, to date. Promoted to *Surgeon*, November 11, 1890.

S. H. Dickson.—Appointed from Pennsylvania. *Assistant Surgeon*, March 19, 1875. *Passed Assistant Surgeon*, April 30, 1880; S. A. Station, 1875; "Gettysburg," special service, 1876–8; Naval Hospital, Norfolk, 1878–80; Naval Hospital, Philadelphia, 1881–2; Asiatic Station, 1882–5; practice-ship "Constellation," 1885–7; R. S. "Dale," 1887–9; "Atlanta," Squadron of Evolution, 1889–90. Promoted to *Surgeon*, October 5, 1890; leave of absence and waiting orders, December 17, 1890, to May 6, 1891; May 18, 1891, ordered as Surgeon on "Constellation;" detached, September 1, 1891; waiting orders to October 5, 1891; Marine Headquarters, Washington, October 5, 1891, to date.

D. O. Lewis.—Appointed from Pennsylvania. *Assistant Surgeon*, April 8, 1874. *Passed Assistant Surgeon*, November 22, 1878; "Plymouth," N. A. Station, 1874–7; Naval Hospital, Chelsea, Mass., 1877–8; U. S. R. S. "Independence," 1879–80; U. S. S. "Jamestown," Alaska, 1880–81; U. S. C. S. steamer "G. McArthur," 1881–3; Recruiting Office, San Francisco, Cal., 1883–5; C. S. steamer "Hassler," 1885–8; U. S. Naval Academy, 1889; U. S. Naval Hospital, Washington, D. C., June, 1889, to April, 1892. Promoted to *Surgeon*, January 22, 1891; Naval Hospital, Mare Island, April, 1892, to June, 1893; Navy Yard, Mare Island, June, 1893, to November, 1893; "Mohican," Pacific Station, November, 1893, to date.

H. E. Ames.—Appointed from Maryland. *Assistant Surgeon*, April 10, 1875. *Passed Assistant Surgeon*, June 6, 1878; "Richmond," S. Pacific Station, 1875–7; R. S. "Passaic," 1878–80; training-ship "Saratoga," 1880–83; R. S. "Colorado," 1883–4; special duty, Baltimore, 1885–6; "Monocacy," Asiatic Station, 1886–9; Museum of Hygiene, March, 1890, to November, 1893. Promoted to *Surgeon*, March 19, 1891; Torpedo Station, November, 1893, to date.

L. B. Baldwin.—Appointed from Pennsylvania. *Assistant Surgeon,* May 1, 1875. *Passed Assistant Surgeon,* May 6, 1879; Naval Hospital, Norfolk, Va., 1875; U. S. S. "Lehigh," 1876; "Palos," Asiatic Station, 1877–8; Naval Hospital, New York, 1879; U. S. Naval Hospital, Washton, D. C., 1879–80; U. S. Naval Academy, Annapolis, Md., practice-ships "Mayflower" and "Standish," 1881; U. S. F. S. "Pensacola," Pacific Station, 1881–4; U. S. R. S. "Wabash," Boston, Mass., 1884; U. S. Naval Hospital, Philadelphia, Pa., 1885; U. S. Naval Hospital, Mare Island, Cal., 1885 and 1886; U. S. S. "Ranger," North Pacific Survey, 1886–9; U. S. S. "Michigan," on the lakes, 1890 to December, 1893. Promoted to *Surgeon,* September 22, 1891; Navy Yard, Pensacola, December, 1893, to date.

Frank Anderson.—Appointed from New York. *Assistant Surgeon,* May 24, 1875. *Passed Assistant Surgeon,* November 22, 1878; Naval Hospital, Chelsea, 1875–6; "Kearsarge," Asiatic Station, 1876–8; R. S. "Wabash," 1878–80; "Quinnebaug," European Station, 1880–3; Navy Yard, New York, 1884–6; "Richmond," N. A. Station, 1887–8; "Dolphin," Squadron of Evolution, 1888–90; Naval Dispensary, Washington, D. C., October, 1890, to date. Promoted to *Surgeon,* November 14, 1891.

P. A. Lovering.—Appointed from Massachusetts. *Assistant Surgeon,* June 18, 1875. *Passed Assistant Surgeon,* December 10, 1878; R. S. "Ohio," 1875; R. S. "Wabash," 1875; monitor "Nantasket," 1875–6; monitor "Ajax," 1876; "Monocacy," Asiatic Station, 1876–8; Naval Hospital, New York, 1878; training-ship "Minnesota," 1879–81; Bureau of Medicine and Surgery, 1881; Naval Hospital, Washington, 1881–2; "Lackawanna," Pacific Station, 1883–4; Bureau of Medicine and Surgery, 1884–5; R. S. "Wabash," 1885; Navy Yard, New York, 1886; ship "Brooklyn," Asiatic Station, 1886–9; R. S. "Wabash," 1889–90; "Philadelphia," N. A. Station, July, 1890, to October, 1892. Promoted to *Surgeon,* December 4, 1891; Marine Rendezvous, Boston, October, 1892, to March, 1893; Naval Hospital, New York, March, 1893, to date.

Robert Whiting.—Appointed from Virginia. *Assistant Surgeon,* June 21, 1875. *Passed Assistant Surgeon,* December 17, 1878; R. S. "Potomac," 1875–6; training-ship "Constitution," 1876–9; training-ship "Constellation," 1879–80; "Alaska," Pacific Station, 1880–2; R. S. "Wabash," 1883; R. S. "Colorado," 1883–4; Naval Hospital, New York, 1884–6; Pacific Station, 1886–9; R. S. "Minnesota," 1889–90; school-ship "St. Mary's," May, 1890, to August, 1893. Promoted to *Surgeon,* December 15, 1891; "Monterey," Pacific Station, August, 1893, to date.

W. R. DuBose.—Native of and appointed from Georgia. *Assistant Surgeon,* October 16, 1875; Naval Hospital, Washington, D. C., 1875–6; "Trenton," European Station, 1877–9; receiving-ship "Wabash," Boston Yard, 1879; Naval Hospital, New York, 1879–80. Promoted *Passed Assistant Surgeon,* February, 1879; Navy Yard, Portsmouth, N. H., 1880–2; "Wachusett," Pacific Station, 1882–5; Naval Hospital, Norfolk, 1885–8; "Jamestown," 1888–91; Naval Academy, 1891 to date. Promoted *Surgeon,* November 1, 1892.

Charles T. Hibbett.—Born in Sumner County, Tennessee, November 20, 1851. Appointed an *Assistant Surgeon,* January 15, 1875; first duty at Naval Hospital, Washington, D. C.; first cruise on North Atlantic Station, 1875–7; on board store-ship "Pawnee," monitors and U. S. flag-ship "Hartford;" attached to U. S. receiving-ship "Franklin," from November, 1878, to June, 1880. Promoted to *Passed Assistant Surgeon,* April 30, 1880; made practice cruise with midshipmen on board U. S. S. "Constellation,"

during summer of 1880; on board U. S. S. "Onward," at Callao, Peru, 1881–3; U. S. S. "Ajax," at City Point, Va., 1884–6; made last cruise on board U. S. flag-ship "Lancaster," in South Atlantic and Mediterranean Stations; U. S. receiving-ship "Franklin," October, 1889, to July, 1893. Promoted *Surgeon*, Dec. 26, 1892; "Detroit," S. A. Station, July, 1893.

N. H. Drake.—Appointed from New Jersey. *Assistant Surgeon*, February 26, 1876. *Passed Assistant Surgeon*, July 6, 1880; "Hartford," S. A. Station, 1877–80; Navy Yard, New York, 1880–2; "Tennessee," N. A. Station, 1882–5; Naval Hospital, Brooklyn, 1886–7; nautical school-ship "St. Mary's," 1887–8; C. S. steamer "Hassler," 1888–90; Fish Commission steamer "Albatross," September, 1890, to December, 1891. Promoted to *Surgeon*, March 4, 1893; waiting orders, December, 1891, to July, 1892; Navy Yard, New York, July, 1892, to April, 1893; Marine Rendezvous, New York, April, 1893, to date.

H. G. Beyer.—Appointed from New York. *Assistant Surgeon*, May 19, 1876. *Passed Assistant Surgeon*, April 30, 1880; Naval Hospital, Brooklyn, 1876–7; monitor "Passaic," July to August, 1877; training-ship "Portsmouth," 1877–9; U. S. receiving-ship "Colorado," New York, 1879–80; special duty, Washington, D. C., 1881–2; C. S. steamer "Blake," 1882–4; special duty, Smithsonian Institute, 1884–7; U. S. flag-ship "Trenton," 1887–8; training-ship "Portsmouth," 1889; "Yantic" (training-ship), 1889–91. Promoted to *Surgeon*, May 19, 1893; Naval Academy, October, 1891, to date.

John M Steele.—Appointed June, 1875, as an *Assistant Surgeon;* first duty at the Naval Hospital, New York, detached in November, 1875; attached to the U. S. monitor "Catskill," until July, 1876; in July, 1877, ordered to the U. S. steamer "Pensacola," at San Francisco; remained on this vessel until November, 1878; Naval Hospital, Philadelphia, 1879. *Passed Assistant Surgeon*, April, 1880; shortly after promotion he was detached from the Naval Hospital, Philadelphia, and ordered to the U. S. monitor "Passaic," receiving-ship at Washington; continued on this duty until October, 1881; placed on waiting orders, preparatory for sea duty; joined the U. S. steamer "Brooklyn," in November, 1881, at New York, and sailed shortly after for the South Atlantic Station; remained on the "Brooklyn," during her cruise in the South Atlantic, and was detached in October, 1884; in November, 1884, ordered to the Naval Hospital, New York, and remained until March, 1885; detached and ordered to the Naval Academy, Annapolis, Md.; remained on duty at the Academy until November, 1886, when detached and granted six month's leave; ordered to the Naval Hospital, Philadelphia, in March, 1887, and in March, 1888, detached and ordered to the U. S. Coast Survey steamer "Bache," where he remained until June, 1891; Nautical school-ship "Saratoga," June, 1891, to December, 1892; R. S. "St. Lous," December, 1892, to date. Promoted to *Surgeon*, May 11, 1893

J. E. Gardner.—Appointed from Kentucky. *Assistant Surgeon*, July 3, 1876. *Passed Assistant Surgeon*, July 6, 1880; receiving-ship "Wabash," 1876–8; receiving-ship "Colorado," 1878–80; Navy Yard, Norfolk, 1880–1; "Lancaster," European Station, 1881–4; Naval Hospital, Norfolk, 1885–7; Fish Commission steamer "Albatross," 1887–90; waiting orders, December, 1890, to October, 1891. Promoted to *Surgeon*, August 15, 1893; Naval Station, New London, October, 1891, to date.

Millard Henry Crawford.—Born in Mt. Crawford, Va. Educated at the University of New York. Appointed *Assistant Surgeon*, U. S. Navy,

November 1, 1876. Promoted to *Passed Assistant Surgeon*, November 1, 1879. Promoted to *Surgeon*, August 20, 1893; served on U. S. S. "Tuscarora," from 1877–9; cruising and surveying on the west coast of Mexico and Central America; attached to U. S. S. "Tallapoosa," and U. S. S. "Shenandoah," from 1882–6; cruising in South Atlantic and South Pacific Stations; attached to U. S. S. "Vandalia" and U. S. S. "Monongahela," from 1887–90; was attached to the U. S. S. "Monongahela" on her cruise to the Samoan Islands, and thence from San Francisco to New York via Cape Horn; in charge of U. S. recruiting rendezvous at San Francisco, Cal., from November, 1890, to November, 1893.

Not in line of Promotion.

Thomas Owens.—Appointed from Maryland, *Acting Assistant Surgeon*, August 16, 1864; "Atlanta" (fourth-rate), 1864–5; "Agawam" (third-rate), 1865–7; "Don" (fourth-rate), 1867–9; honorably discharged, December 28, 1869; reappointed, February 8, 1870; "Saugus," 1870–1; "Gettysburg," 1873–6; honorably discharged, June 30, 1879. Appointed *Assistant Surgeon*, April 3, 1882; special duty Bureau of Medicine and Surgery, 1882–5; Coast Survey steamer "Blake," 1888–90; *Surgeon*, October 1, 1890; Museum of Hygiene, 1890–3; Naval Station, Port Royal, September, 1893, to date.

SURGEONS ON THE RETIRED LIST.

Retired from incapacity resulting from long and faithful service.

Thomas Hiland.—Born in New Hampshire. Appointed from New Hampshire, November 22, 1861. Entered the service as *Assistant Surgeon;* attached to steam-gunboat "Sonoma," West India Squadron, 1862–3; West Gulf Blockading Squadron, 1864–5; steam-sloop "Canandaigua," European Squadron, 1866–8; steamer "Swatara," European Squadron, 1868–9. Commissioned as *Surgeon*, November 24, 1868; on duty at Quarantine Hospital, Portsmouth, New Hampshire, 1870; "Wyoming," N. A. Station, 1872–4; Navy Yard, Washington, 1874; member Board of Examiners, 1874; Navy Yard, Norfolk, 1879–81; "Alaska," Pacific Station, 1881–2. Retired, 1884.

E. D. Payne.—Born in Pennsylvania. Appointed from Pennsylvania. *Assistant Surgeon*, September 20, 1861; Naval Asylum, Philadelphia, November 11, 1861, to December 17, 1861; U. S. frigate "Congress," N. A. B. Squadron, December 28, 1861, to March 10, 1862, and participated in the Hampton Roads fight with the "Merrimac;" leave of absence till June 28, 1862; U. S. S. "Powhatan," S. A. B. Squadron, July 8, 1862, to May 4, 1863; attack on Fort Sumter, April, 1863; sick leave, May 20, to June 23, 1863; Naval Rendezvous, Chicago, Ill., June 23, to September 2, 1863; U. S. S. "Metacomet," W. G. B. Squadron, from September, 1863, to January 26, 1865; participated in battle of Mobile Bay and numerous small engagements; special mention by commanding officer of "Metacomet," in his report of the battles of Mobile Bay; Naval Rendezvous, Philadelphia, March 6, to July 9, 1865. *Passed Assistant Surgeon*, June 26, 1865; Pacific Squadron, U. S. S. "Furrollones," August 31, 1865, to May 3, 1866; U. S. S. "St. Mary's," May 3, to September 26, 1866; Naval Hospital, Washington, December 6, 1866, to January 24, 1868; leave of absence, January 24, to July 23, 1868; Pacific Squadron, U. S. S. "Saranac," August 27, 1868, to January, 1869; U. S. S. "Jamestown," January, 1868, to April, 1871; leave of absence, April 21, to September 4, 1871; Naval Hospital, N. Y., September 10, to

September 20, 1871; Naval Hospital, Boston, September 23, 1871, to June 9, 1873. Promoted to *Surgeon*, November 14, 1871; sick leave, June 9, 1873, to April 13, 1876. Placed on list of retired officers on account of sickness due to causes incident to the service, April 13, 1876.

Edmund Carlyle Ver Meulen.—Born August 25, 1833, at Harlem, New York City. Appointed *Assistant Surgeon*, November 16, 1861, from Hoboken, N. J.; at Naval Hospital, New York, from December 19, 1861, until January 29, 1862; attached to gunboat "Penobscot," from January 31, 1862, until January 2, 1863; on board brig "Bainbridge," at Aspinwall, U. S. C., from March 12 to May 13, 1863; gunboat "Granite City," on May 18, 1863; participated in the battle of Sabine Pass, Texas, September 9, 1863, with three other gunboats, the "Clifton," "Sachem," and Arizona," with a Confederate battery, in which the two first-named were disabled and captured, and the attack repulsed, the "Granite City" and "Arizona" escaping injury. The following May 6, 1864, while the "Granite City" and a stern-wheeled steamer were lying at anchor, very early in the morning, in Calcasieu Pass, West Louisiana, both vessels were attacked by Confederate land forces from Sabine Pass, Texas, and commanded by Colonel Wm. H. Griffing, C. S. A., a graduate of West Point, and after a sanguinary action both vessels were captured (Mem.—history is remarkably silent concerning these two affairs); remained in Confederate charge until the following September 25, performing professional services to wounded and sick officers and men of both parties in the meantime, when was sent out by flag of truce to the "Pocahontas," one of the vessels of the blackade off Sabine Pass, Texas, and transferred to her. Reported to Admiral Farragut on board the flagship "Hartford," at Mobile Bay, September 28, and ordered by him to temporary duty at Pensacola Hospital, where remained until October 24 following; reported for duty at Naval Rendezvous at Portsmouth, N. H., December 6, 1864, and continued there until April 25, 1865; at New York Hospital, from May 4 to June 3, during which term, viz., May 24, was appointed *Passed Assistant Surgeon;* reported on board the frigate "Colorado," fitting out for duty in the European Squadron, June 3, 1865, and continued attached to her until September 7, 1867; at Navy Yard, Philadelphia, from October 11, 1867, until December 19, 1868; on board "Tallapoosa," from December 24 until May 24, 1869; on board practice-ship "Dale," Naval Academy, from May 29 until September 27, same year; temporary duty at Naval Academy, from September 8 to 26; attached to the "Narraganset," from October 10, 1870, until December 24, 1872, and then ordered to the storeship "Onward," at Callao, Peru; on board the "Onward," from December 17, 1872, until February 6, 1873; on board the "St. Louis," at League Island, Philadelphia, from May 31, 1873, until June 1, 1876; joined the "Kearsarge" at Yokohama, Japan, August 26, 1876, and detached therefrom January 15, 1878; attached to the "Constellation," from March 13 until September 30, 1878, on special service to Havre, France, and as a practice-ship of the Naval Academy; on board the receiving-ship "St. Louis," at League Island, Philadelphia, for forty-nine days; at Hospital, Naval Asylum, from November 18, 1878, until August 24, 1880, when was placed on sick leave. Placed on the retired list, first class, October 21, 1882. On the active list twenty-one years, less eleven days.

John W. Coles.—Born in New Jersey, August 14, 1838. Appointed *Acting Assistant Surgeon*, U. S. N., from Pennsylvania, May 6, 1863; duty, U. S. S. "North Carolina," New York, May 14, 1863. Appointed *Assistant Surgeon*, June 25, 1863; duty, U. S. S. "Paul Jones," South Atlantic Block-

ading Squadron, September 8, 1863; Naval Battery, Morris Island, S. C., August 29, 1864; U. S. iron-clad "Catskill," South Atlantic Blockading Squadron, September 9, 1864; U. S. S. "Pontiac," May 25, 1865; Naval Hospital, New York, June 27, 1865; "Bienville," West Indies, March 12, 1866; Naval Hospital, New York, August 2, 1866. Promoted to *Passed Assistant Surgeon*, January 14, 1867; duty, U. S. S. "Minnesota," special service, May 7, 1869; Naval Academy, February 5, 1868; Naval Asylum, Philadelphia, July 3, 1868; "Lancaster," Norfolk, Va., May 11, 1869; "Ashuelot," Asiatic Fleet, October 19, 1869; "Colorado," Asiatic Fleet, June 8, 1871; "Ashuelot," Asiatic Fleet, July 29, 1871; Naval Hospital, December 4, 1872. Promoted *Surgeon*, October 6, 1873; duty, Naval Hospital, Philadelphia, December 26, 1873; Naval Hospital, Yokohama, Japan, April 22, 1875; member Medical Examining Board, Washington, D. C., December 19, 1878; National Board of Health, special duty, Washington, D. C., September 6, 1879; U. S. S. "Nipsic," European Fleet, October 27, 1879; Naval Hospital, Philadelphia, July 30, 1883; member Medical Examining Board, Philadelphia, June 13, 1884. Placed on the retired list, February 6, 1885.

Andrew Moses Moore.—Born in Bedford County, Tennessee, December 25, 1845; graduated from Medical Department of University of Pennsylvania, March, 1869. Commissioned *Assistant Surgeon*, U. S. Navy, April 19, 1869; attached to Naval Hospital, Philadelphia, Pa., from June to December, 1869; to U. S. Coast Survey steamer "Bibb," from January to July, 1870; to U. S. S. "Saco," European and Asiatic Stations, from July, 1870, to September, 1873. Promoted to *Passed Assistant Surgeon*, February 24, 1874; on duty at Naval Hospital, New York, from May, 1874, to July, 1875; practice-ship "Mayflower," from June to September, 1876; U. S. S. "Essex," South Atlantic Station, from November, 1876, to October, 1879; Naval Hospital, Norfolk, Va., May, 1880, to April, 1882. Promoted to *Surgeon*, with relative rank of Lieutenant, April 1, 1881; attached to Naval Station, New London, Conn., from April to September, 1882; training-ship "Portsmouth," from October, 1882, to October, 1885; Marine Headquarters, Washington, D. C., from November, 1885, to February, 1887; Naval Station, New London, from July to November, 1888; U. S. S. "Kearsarge," North Atlantic Station, from November, 1888, to November, 1890; Naval Hospital, Mare Island, Cal., from November, 1890, to March, 1892; attained the relative rank of Lieutenant-Commander, April 3, 1892; Surgeon of the Navy Yard, Mare Island, Cal., from March, 1892, to June, 1893. Placed on the retired list, on account of physical disability, August 14, 1893, in conformity with Section 1453, Revised Statues.

Henry C. Eckstein.—Appointed *Assistant Surgeon*, for duty aboard U. S. army transports, June 20, 1862; appointed *Assistant Surgeon* of Pennsylvania Volunteers, August 2, 1862; afterwards honorably discharged, and commissioned *Assistant Surgeon* in U. S. Navy, December 24, 1862; U. S. Naval Hospital and Laboratory, January to March, 1863; frigate "Sabine," special service, March to July, 1863; monitor "Passaic," July, 1863, to January, 1864; while on "Passaic" was in following battles: attack on Forts Wagner, Gregg, Sumter and Moultrie; frigate "New Ironsides," February, 1864, to June, 1864; monitor "Nahant," June to July, 1864; monitor "Montauk," July, 1864; "Wissahickon," S. A. Squadron, July, 1864, to August, 1864; Naval Rendezvous, Philadelphia, August, 1864, to March, 1865; "General Lyon," Mississippi Squadron, March, 1865, to August, 1865; "Memphis" (supply-ship), September to November, 1865; R. S. "Prince-

ton," November, 1865, to February, 1866; bark "Purveyor," special service, March to October, 1866; "Huron," "Kansas," and "Pawnee," S. A. Station, January, 1867, to July, 1869; "Guard," Darien Expedition, November, 1870, to July, 1871; Naval Hospital, Mare Island, November, 1871; "Narraganset," Pacific Station, December, 1871, to April, 1873; Marine Rendezvous, Richmond, May to September, 1873; recruiting duty, Baltimore, November, 1873, to January, 1874; R. S. "St. Louis," September to October, 1874; "Shawmut," N. A. Station, December, 1874, to January, 1877; Naval Hospital, Philadelphia, April, 1877, to December, 1879; "Alliance," N. A. Station, January, 1880, to November, 1882; Naval Hospital, Philadelphia, January, 1883, to January, 1884; R. S. "St. Louis," January, 1884, to March, 1886; "Adams," Pacific Station, May, 1886, to March, 1889; Marine Rendezvous, Philadelphia, May, 1889–92. Retired, May 10, 1893.

Henry Stewart.—Born in Louisiana. Appointed *Assistant Surgeon,* October 22, 1868; R. S. "Vermont," 1868–9; "Sabine," special cruise, 1869–70; "Severn," North Atlantic, 1871; "Canandaigua," North Atlantic, 1872; Marine Rendezvous, New York, 1872–3. Promoted to *Passed Assistant Surgeon,* 1873; Naval Station, New Orleans, 1873–4; "Richmond," South Pacific, 1874–7; "Swatara," Asiatic Station, 1879–81. Promoted to *Surgeon,* October 6, 1878; "Michigan," Northwestern lakes, 1882–3. Retired, 1884.

Theodore C. Heyl.—Born in Pennsylvania. Appointed *Assistant Surgeon,* March 21, 1870; "Shenandoah," European Station, 1871–4. Promoted to *Passed Assistant Surgeon,* 1874; Navy Yard, Washington, 1874–6; "Rio Bravo," special service, 1877–80; Naval Hospital, Mare Island, 1880–1. Promoted to *Surgeon,* October, 1881; R. S. "Independence," 1881–4; "Marion," Asiatic Station, 1885–7; R. S. "St. Louis," 1888, until date of retirement, December 3, 1891.

James H. Gaines.—Born in Virginia. Appointed *Assistant Surgeon,* December 20, 1873; "Saranac," Pacific Fleet, 1874; N. P. Station, 1875; "Kearsarge," Asiatic Station, 1875–7. Promoted to *Passed Assistant Surgeon,* 1876; Bureau of Medicine, 1877–8; "Tennessee," N. A. Station, 1879–82; Naval Hospital, Washington, 1883–5; "Dolphin," special service, 1885–9. Promoted to *Surgeon,* July, 1888; Army and Navy Hospital, Hot Springs, Arkansas, 1889–90. Retired, March 18, 1891.

Howard Smith.—Born in Ohio. Appointed *Assistant Surgeon,* July 13, 1871; Naval Hospital, Washington, 1871–2; "Omaha," S. P. Station, 1872–5. Promoted to *Passed Assistant Surgeon,* 1875; Naval Hospital, New York, 1876; "Portsmouth," special service, 1877–80; R. S. "Independence," 1880–3; "Nipsic," S. A. Station, March, 1883–6. Promoted to *Surgeon,* December, 1883; R. S. "Wabash," 1886–9. Retired, November 10, 1890.

Homer L. Law.—Born in Connecticut. Appointed *Assistant Surgeon,* July 9, 1870; "Congress," North Atlantic Fleet and European Station, 1870–4; R. S. "Sabine," 1874–5. Promoted to *Passed Assistant Surgeon,* June 19, 1875; R. S. "Sabine," 1875–6; "Ranger," Asiatic Station, 1876–80; Navy Yard, League Island, 1881–3. Promoted to *Surgeon,* August 22, 1884; "Yantic," North Atlantic Station, 1883–5; R. S. "Wabash," 1886. Retired, December 17, 1886. Service in the Arctic: "Congress," 1871, with "Polaris;" "Yantic," 1883, with "Proteus."

John Hancock Hall.—Appointed *Assistant Surgeon* from Missouri, March, 1874. *Passed Assistant Surgeon,* November 9, 1877. *Surgeon,* November 28, 1889. As an Assistant Surgeon to Naval Hospital, Chelsea, Mass., May, 1874, and detached in July, 1874; U. S. S. "Benicia" and "Lackawanna," Pacific Station, from 1874 until February, 1877; Naval

Hospital, Washington, D. C., August, 1877, until 1878; leave of absence, Europe, and to U. S. S. "Marion," and Coast Survey steamer "Gedney," 1879–81, North Atlantic Station; receiving-ship "Wabash," and Naval Hospital, Boston, 1882; sick leave of absence, 1883; U. S. S. "Minnesota," New York, and Naval Hospital, Mare Island, Cal., 1884–5; U. S. flag-ship "Hartford," and store-ship "Monongahela," Pacific Station, from 1885 to 1888; New London, Naval Station, December, 1889, until date of retirement, September 25, 1891.

William Martin.—Appointed from Louisiana as *Acting Assistant Surgeon*, January 10, 1874; Naval Station, New Orleans, La, 1874–6; "Canonicus," 1876–9; honorably discharged, June 30, 1879. *Assistant Surgeon*, April 14, 1882. *Surgeon*, October 1, 1890; leave of absence, 1883–4; Naval Rendezvous, San Francisco, July, 1888, to December, 1891; "Thetis," special service, December, 1891, to December, 1892; waiting order, December, 1892, until date of retirement, December 25, 1893.

Ernest Norfleet.—Appointed from North Carolina. *Assistant Surgeon*, May 21, 1874. *Passed Assistant Surgeon*, December 10, 1878; special duty, Darien Survey, 1875–6; "Powhatan," N. A. Station, 1877–8; Naval Hospital, Chelsea, 1878–9; R. S. "Franklin," 1879; "Wachusett," Pacific Station, 1879–82; Naval Hospital, Mare Island, 1882–3; Naval Hospital, Yokohama, 1885–7; Naval Hospital, Mare Island, 1887–9; "Monocacy," Asiatic Station, 1889 until date of retirement, October 31, 1892.

PASSED ASSISTANT SURGEONS ON THE ACTIVE LIST.

George Peebles Lumsden.—Appointed from Virginia. Commissioned *Assistant Surgeon*, November 2, 1876; served on the "Minnesota," at New York, February, 1877, to December, 1877; "Fortune," December, 1877, to April, 1879; Naval Hospital, Norfolk, April, 1879, to June, 1879; U. S. S. "Ajax" and monitors, James River, June, 1879, to December, 1879; *Passed Assistant Surgeon*, dates from November 2, 1879; Naval Academy, May, 1880, to January, 1882; flag-ship "Pensacola," Pacific Station, February, 1882, to June, 1884; receiving-ship and Naval Hospital, Washington, July, 1884, to April, 1886; Naval Hospital, Mare Island, August, 1886, to November, 1886; U. S. S. "Boston," August, 1887, to October, 1890; U. S. monitors, Richmond, Va., 1891, 1892, 1893; "Kearsarge," N. A. Station, December, 1893, to date.

E. H. Marsteller.—Appointed from Virginia. *Assistant Surgeon*, January 12, 1876. *Passed Assistant Surgeon*, October 11, 1880; "Tallapoosa," special service, 1877–9; Naval Academy, 1879–80; Naval Hospital, Philadelphia, 1880–3; "Lackawanna," Pacific Station, 1884; "Iroquois," Pacific Station, 1884–6; iron-clads, City Point, 1887–9; "Adams," Pacific Station, 1889–90; "Petrel," N. A. Station, November, 1890, to October, 1891; special duty, Baltimore, Md., October, 1891, to March, 1892; Naval Academy, March, 1892, to date.

William H. Rush.—Appointed from Pennsylvania as *Assistant Surgeon*, February 13, 1877. *Passed Assistant Surgeon*, April 28, 1881; "Constellation," special service, 1877–8; iron-clads, James River, 1878–9; R. S. "St. Louis," 1879–80; gunnery training-ship "Minnesota," 1880–4; special duty, 1885–8; school-ship "Saratoga," 1889–91; "Yantic," S. A. Station, September, 1891, to date.

Richard Ashbridge.—Appointed from Pennsylvania. *Assistant Surgeon,* July 3, 1876. *Passed Assistant Surgeon,* October 11, 1881; Naval Hospital, Norfolk, 1876–8; "Powhatan," N. A. Station, 1878–80; R. S. "Colorado," 1880–3; "Swatara," N. A. Station, 1883–6; R. S. "St. Louis," 1887–8; "Richmond," S. A. Station, 1888–90; waiting orders, November, 1890, to February, 1891; Navy Yard, New York, February, 1891, to October, 1892; R. S. "Independence," October, 1892, to date.

J. C. Byrnes.—Appointed from District of Columbia. *Assistant Surgeon,* November 2, 1876. *Passed Assistant Surgeon,* October 11, 1881; Naval Hospital, Chelsea, 1877–8; "Plymouth," North Atlantic Station, 1878–81; Naval Hospital, Norfolk, 1881–2; "Powhatan," special service, 1882–5; special duty, Norfolk, Va., 1885–9; "Chicago," Squadron of Evolution, 1889–92; special duty, Norfolk, June, 1892, to date.

S. H. Griffith.—Appointed from Pennsylvania. *Assistant Surgeon,* December 15, 1877; *Passed Assistant Surgeon,* December 15, 1880; "Alaska," Pacific Station, 1878–80; special duty, Bureau of Medicine, July, 1881–3; "Lancaster," European Station, 1884–5; "Lancaster," South Atlantic Station, 1885–7; Museum of Hygiene, 1887–90; "Dolphin," Squadron of Evolution, April, 1890, to June, 1891; "Constellation," June, 1891, to May, 1893; leave of absence, May, 1893, to November, 1893; Museum of Hygiene, Washington, D. C., November, 1893, to date.

D. M. Guiteras.—Appointed from Pennsylvania. *Assistant Surgeon,* June 3, 1879; Naval Hospital, New York, 1879; U. S. S. "Powhatan," North Atlantic Station, 1879–81. *Passed Assistant Surgeon,* June 27, 1882; R. S. "Colorado," 1881–3; "Swatara," North Atlantic Station, 1883; Navy Yard, Pensacola, 1883–6; "Despatch," 1887–9; Naval Hospital, Philadelphia, 1890–93; Naval Laboratory, New York, July, 1893, to date.

Averley Claude Holmes Russell.—*Assistant Surgeon, Ensign,* June 3, 1879; Naval Hospital, Brooklyn, N. Y., June 30, 1879, to September 27, 1879; Naval Hospital, Mare Island, California, October 10, 1879, to December 3, 1879; U. S. flag-ship "Pensacola," Pacific Station, January 3, 1880, to February 7, 1882. *Passed Assistant Surgeon (Junior Lieutenant),* June 30, 1882; Naval Hospital, Brooklyn, N. Y., May 15, 1882, to January 27, 1883; Navy Yard, Washington, D. C., January 30, 1883, to January 2, 1884; U. S. S. "Ossipee," Asiatic Station, January 28, 1884, to March 11, 1887; went through cholera epidemic on that vessel, August and September of 1885; Naval Laboratory, Brooklyn, N. Y., May 2, 1887, to July 16, 1887; Naval Academy, Annapolis, Md., October 6, 1887, to January 15, 1889; summer cruise U. S. S. "Constellation," with naval cadets, June 1, 1888, to August 31, 1888; Navy Yard, Boston, Mass., January 21, 1889, to August 13, 1889; Naval Hospital, Yokohama, Japan, October 23, 1889, to November 11, 1892; *Lieutenant,* May 28, 1892; World's Columbian Exposition, Chicago, Ill., in charge of exhibit of Medical Department U. S. Navy, model battle-ship "Illinois," April 5, 1893, to December, 1893.

A. G. Cabell.—Appointed from Virginia. *Assistant Surgeon,* February 14, 1876. *Passed Assistant Surgeon,* April 28, 1880–1; "Pensacola," N. Pacific Station,, 1876–9; practice-ship "Constellation," 1881; "Palos," Asiatic Station, 1882–3; "Adams," Pacific Station, 1885–8; iron-clads, Richmond, Va., 1889 to February, 1891; "Kearsarge," N. A. Station, February, 1891, to November, 1893; leave of absence, November, 1893, to date.

Clement Biddle.—Appointed from Pennsylvania. Entered service as *Assistant Surgeon,* June, 1878. Promoted *Passed Assistant Surgeon,* June, 1882; served on the China Station in the following ships, making two

cruises there, viz: "Richmond," "Ashuelot," "Monocacy," "Palos" and "Trenton," and at the Naval Hospital, Yokohama, Japan; from March, 1889, to January, 1892, served aboard the "Tallapoosa," in the River Platte, South America. Shore Stations: Naval Hospital, Washington; Naval Academy; Navy Yard, League Island, Pa.; Naval Hospital, Phila., and Marine Corps Recruiting Office, Philadelphia.

H. T. Percy.—*Acting Assistant Surgeon*, May 31, 1873; Coast Survey steamer "McArthur," 1879–82; Naval Hospital, Norfolk, 1882–3; "Galena," N. A. Station, 1883–6; Naval Academy, 1886–9; C. S. S. "Patterson," 1889–92; Naval Hospital, Washington, June, 1892, to date.

PASSED ASSISTANT SURGEONS ON THE RETIRED LIST.

Retired from incapacity resulting from long and faithful service,

Talleyrand D. Myers.—Born in Maryland. Appointed *Assistant Surgeon*, September 27, 1870; "Terror" iron-clad, N. A. Station, 1871; Asiatic Station, 1872–4. Promoted to *Passed Assistant Surgeon*, 1874; "Portsmouth," training-ship, Mare Island, 1875–6; Navy Yard, Washington, 1877–8; "Trenton," European Station, 1878–81; Marine Barracks, Washington, 1881–2. Retired, 1883.

Charles K. Yancey.—Born in Virginia. Appointed *Assistant Surgeon*, March 1, 1871; "Constellation," training-ship, 1871–2; Navy Yard, Mare Island, 1875; "Adams," S. A. Station, 1876–8. Promoted to *Passed Assistant Surgeon*, 1876. Retired, 1882.

Arthur Cowton Heffenger.—Appointed from Virginia. *Assistant Surgeon*, March 19, 1865. *Passed Assistant Surgeon*, June 3, 1875; "Onward," store-ship, Callao, Peru, 1875–7; "Plymouth," N. A. Station, July to November, 1877; Naval Hospital, New York, 1877–8; Naval Hospital, Chelsea, Mass., 1878–80; "Lackawanna," Pacific Station, 1880–3; Navy Yard, Portsmouth, N. H., and special duty, Portsmouth, N. H., 1883–6; "Atlanta," special service, 1886–7; special duty, Widow's Island, Me., designing and superintending construction of United States Naval Quarantine Hospital and Station, 1887–9; "Kearsarge," N. A. Station, 1889–90. Retired, October 20, 1890.

George C. Lippincott.—Commissioned *Assistant Surgeon*, September 28, 1875; Naval Hospital, Chelsea, Mass., November 3, to December, 28, 1875; U. S. S. "Vandalia," January 10, 1876, to February 22, 1878; leave of absence in Europe, February 22, 1878, to August 22, 1878; Naval Hospital, New York, September, 1, 1878, to November, 6, 1878; examination for promotion, November 6, 1878, to December 6, 1878; Navy Yard, New York, January 28, 1879, to November 6, 1879; Bureau of Medicine and Surgery, Navy Department, Washington, November 13, 1879, to August 15, 1880; U. S. S. "Galena," August 25, 1880, to September 18, 1883; Naval Hospital, New York, September 25, 1883, to October 6, 1884; sick leave, October 6, 1884, to April 7, 1885; U. S. R. S "St. Louis," April 7, 1885, to May 6, 1885; Naval Academy, Annapolis, member of Examining Board, May 15, 1885, to June 15, 1885; Navy Yard, Washington, D. C., August 15, 1885, to December 18, 1885; Naval Academy, Annapolis, member of Examining Board, May 15, 1886, to June 15, 1886; September 1, 1886, to October 1, 1886; Annapolis Naval Academy, October 1, 1886, to December 19, 1886. Retired, December 17, 1886.

Retired because of incapacity for further service at sea.

Frederick Horner, Jr.—Born December 20, 1830. Received permit from Hon. William A. Graham, Secretary of the Navy, to appear before Naval Examining Board; was passed November 6, and commissioned *Assistant Surgeon*, May 8, 1851; was ordered to report to U. S. steam-frigate "Susquehanna;" subsequently ordered to U. S. steamer "Jamestown," coast of Brazil; after a three years' cruise, May 4, 1854, was detached from the "Jamestown" at Philadelphia; June 20, 1854, was witness before Naval General Court-Martial to convene at the Navy Yard, Philadelphia; leave of absence for three months; October 7, 1854, was ordered to report to Captain Otway H. Berryman, U. S. steamer "Varina," at Baltimore; Coast Survey service at Tampa Bay and Cedar Keys, West Coast of Florida; sailed for Havana, Pensacola, and Key West, and returned to Hampton Roads, July, 1855; August 20, 1855, was detached from the "Varina;" October 6, 1855, was ordered to report for examination to Naval Examining Board; March 1, 1856, was passed, and April 10, 1856, was promoted to rank as *Passed Assistant Surgeon;* July 26, 1856, was ordered to report to Captain Dornier for duty on board the U. S. receiving-ship "Pennsylvania," Norfolk, Va.; April 14, 1857, detached from the receiving-ship "Pennsylvania," and ordered to proceed to Boston, and report to Commodore Stringham for duty on bord U. S. sloop-of-war "Cumberland;" was detached on sick leave, May 17, 1858; was ordered to Naval Hospital, at Norfolk, Va., for duty, June 4, 1858; was detached from U. S. Naval Hospital and placed on furlough and retired, February 21, 1861.

PAY CORPS.

PAYMASTER-GENERAL.

Edwin Stewart.—Born in New York City. Appointed from New York, September 9, 1861. Entered the service as *Assistant Paymaster;* attached to steam-gunboat "Pembina," South Atlantic Station, 1861–2, taking part in the bombardment and capture of Port Royal. Promoted to *Paymaster*, April 14, 1862; attached to steamer "Richmond," West Gulf Blockading Squadron, 1862–5, taking part in the engagement at Port Hudson and the capture of the forts in Mobile Bay; steamer "Michigan," on the lakes, 1865–8; Navy Pay-Office at Washington, 1869–72; member Board Visitors to Naval Academy, Annapolis, 1872; Fleet-Paymaster, Asiatic Station, flag-ship "Hartford," 1872–5; special duty at New York, 1877–9. Promoted *Pay-Inspector*, March 8, 1879; Inspector of Provisions and Clothing, Navy Yard, League Island, 1880; Inspector of Provisions and Clothing, Navy Yard, New York, 1880–3; Fleet-Paymaster, European Station, flag-ship "Lancaster," 1883–5; Navy Pay-Office, New York, 1886–90. Appointed *Paymaster-General* of U. S. Navy, and Chief of Bureau of Supplies and Accounts of the Navy, May 16, 1890. Promoted *Pay-Director*, September 12, 1891.

PAY-DIRECTORS ON THE ACTIVE LIST.

James Fulton.—Born in Tennessee. Appointed from Tennessee, November 20, 1858; attached to store-ship "Relief," Home Squadron, 1859; steamer "Saginaw," East India Squadron, 1859–62; temporarily attached to flag-ship "Hartford," in 1860; steam-sloop "Adirondack," special service, until she was wrecked near Abaco Island, August 23, 1862; steam-sloop "Lackawanna," West Gulf Blockading Squadron, 1863–4; battle of Mobile Bay, August 5, 1864; Navy Yard, Washington, 1865–6; member Board of Examiners, 1866–7; steam-frigate "Minnesota," special service, 1867–8; Navy Yard, Philadelphia, 1868–70. Promoted to a *Pay-Inspector*, March 3, 1871; Fleet-Paymaster, European Station, attached to the flag-ship "Wabash," 1871–3; on duty temporarily at Navy Pay-Office, Philadelphia, 1874; Inspector of Provisions and Clothing, Navy Yard, Mare Island, Cal., 1874–6. Promoted, August 28, 1876, to *Pay-Director;* Naval Store-keeper temporarily at Villefranche, France, 1877; Inspector of Provisions and Clothing at Mare Island, Cal., January, 1878; Pay-Office, San Francisco, Cal., 1878–80; Inspector of Provisions and Clothing, Navy Yard, Mare Island, Cal., from April 1, 1881, to October 16, 1884; special duty in connection with the examination and inspection of the accounts of the disbursing officers of the Navy, from January 12, 1885, to November 16, 1886; Paymaster-General in the Department of the Navy, from November 17, 1886, to March, 1890; special duty, April, 1890; Naval Academy, August, 1891, to date.

Caspar Schenck.—Born at Nissequague, Smithtown, Suffolk County, Long Island, September 26, 1835.

Army Record.—On the breaking out of the War of the Rebellion, enlisted as a private in Company G, Ninth Indiana Volunteers, and served for three months in Western Virginia, taking part in the battles of Philippi and Carnack's Ford.

Navy Record.—Appointed *Acting Assistant Paymaster*, July 6, 1861. Commissioned *Assistant Paymaster*, September 14, 1861; served on U. S. steamer "Portsmouth," West Gulf Squadron, 1861–4; taking part in the capture of Forts Jackson and St. Philip, April, 1862. Promoted to *Paymaster*, January 6, 1864; attached to U. S. steamer "Juniata," North Atlantic Squadron, in 1864, and while serving on her as a volunteer on deck at the bombardment of Fort Fisher, on December 24, 1864, was severely wounded, for which he was promoted twelve numbers in his grade for eminent and conspicuous conduct in battle; attached to apprentice-ship "Savannah," 1865; U. S. receiving-ship "Independence," Mare Island Navy Yard, 1866–9; U. S. steamer "Congress," West Indies, 1870–1. Promoted to *Pay-Inspector*, March 3, 1871; attached to U. S. flag-ship "California," as Fleet-Paymaster of the Pacific Station, 1872–3; Navy Yard, Mare Island, Cal., 1874–8; U. S. flag-ship "Pensacola," as Fleet-Paymaster of the Pacific Station, 1878–80. Promoted to *Pay-Director*, December 6, 1880; Navy Pay-Office, San Francisco, Cal., 1881–4; special duty, 1885; Navy Pay-Office, Norfolk, Va., 1886–9; Navy Pay-Office, Boston, Mass., December, 1889, to June, 1890; general store-keeper, Naval Academy, June, 1890, to December, 1893.

Charles H. Eldredge.—Born in Massachusetts. Appointed from New York, July 10, 1861; entered the service as *Assistant Paymaster;* attached

to store-ship "Supply," North Atlantic and Gulf Squadrons, 1861–2; attached to steam-sloop "Canandaigua," South Atlantic Blockading Squadron, 1862–4. Promoted to *Paymaster*, February 6, 1862; special duty, Navy Yard, New York, 1864–6; Navy Yard and Station, Pensacola, Florida, 1866–8; Store-keeper, Asiatic Fleet, 1869–72. Promoted to *Pay-Inspector*, July 3, 1871; Pay-Office at Portsmouth, New Hampshire, 1872–5; Fleet-Paymaster, South Pacific Station, 1875–6; and of South Atlantic Station, 1876–8. Promoted to *Pay-Director*, August 31, 1881; Inspector of Provisions, Navy Yard, Norfolk, 1879–82; Navy Yard, New York, 1884–6; Pay-Office, Philadelphia, 1886–9; General Store-keeper, Navy Yard, Norfolk, 1889-90; Navy Pay-Office, Norfolk, Va., April, 1890, to May, 1893; Navy Pay-Office, Baltimore, May, 1893, to date.

William W. Williams.—Born in Ohio. Appointed from Ohio, July 11, 1861, as *Acting Assistant Paymaster;* and on Aug. 29, 1861, as *Assistant Paymaster;* attached to steamer "Louisiana," North Atlantic Blockading Squadron, 1862–4; at battles of Roanoke Island, Elizabeth City and Newbern, in 1862; on the "Louisiana," and at the three weeks' siege of Washington, North Carolina; in command of army gunboat "Eagle," and on the staff of General J. G. Foster for sthat time. Promoted to *Paymaster*, March 2, 1864; steam-sloop "Wachusett," Brazil Squadron, 1864; was attached to "Wachusett" at time of capture of the "Florida," at Bahia, Brazil, in October, 1864; Inspector of Provisions and Clothing to the Mississippi Squadron, 1864–5; store-ship "Fredonia," at Callao, 1866–8; is one of the three surviving officers of the "Fredonia," which ship was wrecked by tidal wave at Arica, Peru, on August 13, 1868; special duty, South Pacific Squadron, 1869; Navy Yard, Portsmouth, New Hampshire, 1870–3. Promoted to *Pay-Inspector,* October, 1871; in 1871, Paymaster Williams was advanced ten numbers in his corps for gallant and meritorious service at Wallop's Island, Va., and Washington, North Carolina, in 1861–3; Fleet-Paymaster, N. A. Station, 1874–5; Pay-Office, Washington, 1875–8; Inspector of Provisions, Navy Yard, Washington, 1878–80; Fleet-Paymaster, European Station, 1881–3. *Pay-Director*, December 26, 1882; Pay-Office, San Francisco, 1884–7; General Store-keeper, Navy Yard, Mare Island, 1889–91; General Store-keeper, Naval Station, New London, Conn., November, 1893, to date.

Edward May.—Born in Massachusetts. Appointed from Massachusetts, September 6, 1861; entered the service as *Assistant Paymaster;* attached to steam gun-boat "Unadilla," South Atlantic Blockading Squadron, 1862. Promoted to *Paymaster*, April 14, 1862; Mississippi Squadron, 1862–4; special duty, Washington, 1864–6; steam-sloop "Lackawanna," North Pacific Squadron, 1866–9; Navy Yard, Boston, 1869–71; in charge of stores, Honolulu, 1871–4; practice-ship "Constellation," 1875. Promoted to *Pay-Inspector*, September 25, 1875; Fleet-Paymaster, N. A. Station, 1875–7; Inspector of Provisions, Navy Yard, Portsmouth, New Hampshire, 1877–81; Inspector of Provisions and Clothing, Navy Yard, Norfolk, 1883–4. Promoted to *Pay-Director*, December 24, 1883; special duty, 1885–6; Pay-Office, Boston, 1886–9; General Store-keeper, Navy Yard, Norfolk, 1890; Navy Pay Office, Washington, D. C., May, 1890-91; Navy Pay-Office, Boston, October, 1891, to date.

Henry Martyn Denniston.—Born in New York, June 13, 1840. Entered the service as *Assistant Paymaster*, September 9, 1861. Promoted to *Paymaster*, April 14, 1862; *Pay-Inspector*, August 19, 1876; *Pay-Director*, July 31, 1884. Duty as follows: November, 1861, to September, 1862, gunboat "Winona," West Gulf Squadron; at bombardment of Forts Jackson

and St. Philip, and capture of New Orleans; December, 1862, to January, 1863, supply steamer "Blackstone;" March, 1863, to May, 1865, steamer "Ticonderoga;" at both battles of Fort Fisher, August, 1865, to August, 1868; store-ship "Onward," South Atlantic Squadron, and Naval Storekeeper, Rio de Janeiro; October, 1868, to October, 1871, steamer "Michigan," on the lakes; September, 1872, to September, 1874, Fleet-Paymaster, North Atlantic Squadron, flag-ship "Worcester;" September, 1875, to January, 1876, Navy Yard, Philadelphia; January, 1876, to January, 1879, Navy Yard, League Island; February, 1880, to June, 1882, member Board of Inspection; June, 1882, to July, 1884, Fleet-Paymaster, Pacific Squadron, flag-ship "Hartford;" October, 1884, to July, 1887, Inspector Provisions and Clothing, Navy Yard, Mare Island; July, 1887, to June, 1888, Navy Pay-Office, San Francisco; March, 1889, to March, 1892, Naval Home, Philadelphia; March, 1892, Navy Pay-Office, Philadelphia.

Richard Washington.—Born in the District of Columbia. Appointed from Virginia, August 21, 1861. Entered the service as *Assistant Paymaster;* attached to steam-sloop "Dacotah," West India Squadron, 1862, and North Atlantic Blockading Squadron, 1863–4. Promoted to *Paymaster*, April 14, 1862; Naval Station, Norfolk, 1865–7; receiving-ship "Norfolk," 1868–9; steam-sloop "Guerriere," South Atlantic Squadron, 1869; Fleet-Paymaster, S. A. Station, 1872–5; Bureau of Provisions, 1875–6. Promoted to *Pay-Inspector*, August 28, 1876; Inspector Provisions, Navy Yard, Boston, 1876–79; member Board of Inspection, 1880; Fleet-Paymaster, Asiatic Station, 1880–1; Pay-Office, Washington, D. C., 1881–3; Inspector Provisions, Navy Yard, Washington, 1884–6. Promoted to *Pay-Director*, February 5, 1886; general store-keeper, Navy Yard, Washington, 1887–8; Pay-Office, Norfolk, 1889–90; General Inspector Pay Corps, April, 1890, to date.

Rufus Parks.—Born in Maine. Captain's Clerk, "Vandalia," November, 1860, to June, 1861; *Acting Paymaster*, June 3, 1861, to September, 1861; *Assistant Paymaster*, September 12, 1861; "Vandalia," Blockading Squadron, 1861–3; *Paymaster*, April 14, 1862; store-keeper, Aspinwall, U. S. S. "Falmouth," 1863; "San Jacinto," Gulf Squadron, 1864–5; "Monadnock," iron-clad, voyage from Philadelphia to San Francisco, 1865–6; waiting orders, 1867–73; Navy Yard, Portsmouth, N. H., 1873–4; "Brooklyn," and as Fleet-Paymaster, S. A. Station, 1874–6; Pay-Office, Norfolk, Va., 1876–80; *Pay-Inspector*, February, 1877; "Pensacola," 1880–4, and as Fleet-Paymaster, Pacific Station; Inspector Provisions and Clothing, Navy Yard, Norfolk, 1884–6, and as general store-keeper, 1887–8. *Pay-Director*, August 10, 1886; general store-keeper, Navy Yard, Boston, 1889, to December, 1892; general store-keeper, League Island, December, 1892, to June, 1893; general store-keeper, Navy Yard, New York, June, 1893, to date.

Frank Carvill Cosby.—Born in Kentucky. Appointed from Kentucky. First entered the service as *Captain's Clerk*, flagship "Cumberland," African Sqadron, 1857–9; *Captain's Clerk*, flagship "Richmond," Mediterranean Squadron, 1860–1. Appointed as *Assistant Paymaster*, August 24, 1861; Fleet-Paymaster, Potomac Flotilla, 1862–3. Promoted to *Paymaster*, April 14, 1862; store-ship "Vermont," and in charge of stores South Atlantic Blockading Squadron, 1863–4; receiving-ship "Alleghany" and Inspector Provisions and Clothing, Baltimore, 1865–7; in charge of coal, Honolulu, Sandwich Islands, 1868–9; receiving-ship "Independence," San Francisco, 1869; flagships "Pensacola" and "Saranac," Pacific Fleet, 1869–72; "Franklin," and "Wabash," North Atlantic Station, 1873–4; Bureau of Provisions, 1874; Navy Yard, Washington, 1875–7; Promoted to *Pay Inspector*, April 12, 1877; special duty, Navy Department, 1874–7;

Fleet-Paymaster, flagship "Trenton," European Station, 1877–81; Inspector Provisions, Navy Yard, Washington, 1881–4; special duty, Navy Department, 1884–5; Pay-Office, Baltimore, 1885; Inspector Provisions, Navy Yard, Portsmouth, N. H., 1886; general store-keeper, Navy Yard, Portsmouth, N. H., 1887–9; Promoted to *Pay Director*, July 5, 1889; general store-keeper, Navy Yard, Norfolk, August, 1891, to July, 1892; duty at World's Columbian Exposition, Chicago, July, 1892, to date.

George Cochran.—Born in Pennsylvania. Appointed from Pennsylvania; *Assistant Paymaster*, September 27, 1861. Commissioned by President Abraham Lincoln, February 7, 1862. Promoted *Paymaster*, June 12, 1863. Promoted *Pay Inspector*, December 6, 1880. Promoted *Pay Director*, November 19, 1891; was attached to steam-sloop, "Wyoming," in the Pacific and East Indies, engaged in the search for the rebel cruiser "Alabama;" was present in the engagement of the "Wyoming" with the Japanese forts and vessels at Shimono, Seki, Japan, July 16, 1863; United States frigate "Wabash," North Atlantic Squadron under Admiral Porter; in both engagements at Fort Fisher, mouth of the Cape Fear River, N. C., December 24 and 25, 1864, and January 13, 14, 15, 1865; U. S. S. "De Soto," 1865–7, North Atlantic Squadron; this ship carried Secretary of State Seward, and his son, the Assistant Secretary, to the West Indies in 1866, when the treaty for the acquisition of the Danish West India Islands was said to have been made; U. S. R. S. "Potomac," and Naval Asylum, Philadelphia, 1868–70; U. S. steamer "Congress," North Atlantic and Mediterranean Squadrons, was sent in August, 1871, to Disco Island, Greenland, with coal and supplies and to build storehouses for the "Polaris" exploring expedition to the North Pole; U. S. receiving-ship "Potomac," Philadelphia, October, 1874, to April, 1875; U. S. flag-ship "Pensacola," Fleet-Paymaster, North Pacific Station, 1875–8; Inspector of Provisions, Clothing, etc., Navy Yard, Mare Island, California, 1878–80; U. S. flag-ship "Richmond," Asiatic Station, Fleet-Paymaster, 1881–3; Naval Asylum, Philadelphia, 1886–9; Purchasing and Disbursing Paymaster, Philadelphia, 1889–92; leave of absence, April 1, 1892 to April 1, 1893; general store-keeper, Navy Yard, League Island, Philadelphia, April 1 to October 1, 1893.

Joseph A. Smith.—Born in Maine. Appointed from Maine, October 8, 1861; entered the service as *Assistant Paymaster;* steam-sloop "Kearsarge," special service, 1861–4; commanded powder division of that ship in her conflict with the rebel cruiser "Alabama." Promoted to *Paymaster*, August 23, 1862; receiving-ship "Norfolk," 1865–6; Fleet-Paymaster, Gulf-Squadron, 1867; receiving-ship "Boston," 1867–70; "California," Pacific Fleet, 1870–1; Navy Yard, Boston, 1872–3; practice-ship "Constellation," 1874; Fleet-Paymaster, Asiatic Station, 1875–8; "Tennessee," 1878; Pay-Office, Washington, 1878–81; Chief of Bureau Provisions and Clothing, 1882–6; General Storekeeper, Navy Yard, Portsmouth, N H., 1889–92. Promoted to *Pay-Director*, November 24, 1891; General Storekeeper, Navy Yard, Washington, D. C., April, 1892, to date.

Thomas T. Caswell—Born in Rhode Island. Appointed from Rhode Island, September 9, 1861; entered the service as *Assistant Paymaster;* attached to steam-gunboat "Huron," South Atlantic Blockading Squadron, 1862; iron-clad steamer "Sangamon," 1863; steam-sloop "Seminole," West Gulf Squadron, 1863–4; steamer "Pawtuxent," N A. Squadron, 1864. Promoted to *Paymaster*, September 17, 1863; store-ship "Guard," European Squadron, 1865–7; Navy Yard, Norfolk, 1868–70; S. S. "Tennessee," 1871; Fleet-Paymaster, Pacific Station, 1872–5; Inspector of Provisions, Norfolk,

1875–8; Navy Yard, Washington, 1879–80; Pay-Office, New York. 1881–4; "Hartford," 1884; Fleet-Paymaster, Pacific Station, 1884–6; Naval Academy, 1887–90; sick leave August. 1890, to September, 1891; *Pay-Director*, December 25, 1892; Navy Pay-Office, Washington, D. C., September, 1891, to date.

PAY-DIRECTORS ON THE RETIRED LIST.

Retired after forty years' service on attaining the age of sixty-two years.

James H. Watmough.—Born in Pennsylvania. Entered service as *Acting Midshipman*, November, 1843. Appointed from Pennsylvania. December 12, 1844; attached to sloop "Portsmouth," Pacific Squadron. 1844–8; during the Mexican War was in most of the operations in California, including the bombardment of Guaymas; brig "Perry," coast of Africa, 1849–51; frigate "Constitution," coast of Africa. 1852–5; steamer "Michigan." on the lakes, 1857–8; sloop "Saratoga," Gulf of Mexico, 1859–60; in action with two Spanish steamers, which were captured; Navy Yard, Philadelphia, 1861–3; steam-frigate "Niagara," special service, 1863–4; Fleet-Paymaster, South Atlantic Blockading Squadron, 1864–5; was in most of the operations of the squadron. including seven or eight days' operations in Stono River, and the subsequent operations on James' and John's Islands, previous to the evacuation of Charleston, South Carolina; Navy Yard, New York, 1866–8; Inspector, etc., Navy Yard, New York, 1869–70; General Inspector, Acting Chief of Bureau Provisions and Clothing, 1873–4; Chief of Bureau Provisions and Clothing, 1874–7. Retired, July 30, 1884, with relative rank of Commodore.

Thomas H. Looker.—Born in Ohio. Now, and for many years. a citizen and resident of the District of Columbia. Entered the Navy originally as a *Midshipman*, November 6, 1846, and served through the Mexican War, in actions and expeditions on shore, and in small vessels and boats up the rivers; resigned November 24, 1852, because of protracted illness,—chronic disease, incident to line of duty, exposure, etc.; was re-appointed as *Purser* in the Navy, August 31, 1853; served through the Civil War, and was promoted to *Pay-Director*, March 3, 1871; service in Pay-Corps, as follows: Brig "Bainbridge," Brazil Squadron, 1853–6; sloop-of-war "Portsmouth," East India Squadron, 1857–8; steamer "Brooklyn," Home Squadron, 1858–60; steamer "Brooklyn," Atlantic and Gulf Squadrons, 1861; convoyed troops and assisted in saving Fort Pickens, Florida, and instituting blockade at mouth of Mississippi River; Paymaster in charge of supplies, North Atlantic Blockading Squadron, 1861–3; was in the memorable action (as a volunteer) between the "Merrimac" and "Monitor" and squadron at Hampton Roads, March 8 and 9. 1862; duties at Baltimore, 1864; steamer "Powhatan," S. P. Station, 1865–6; Fleet-Paymaster. then, to 1868; Pay Office at Baltimore, 1869–72; Navy Yard, Washington, 1872–5; Pay Office at Baltimore, 1875–7; assistant to the Secretary of the Navy, 1877; General Inspector Pay Corps, 1878–82; Pay Office at Washington, 1883–8; General Inspector Pay Corps, 1889–90; appointed March 26, 1890, Paymaster-General of U. S. Navy, and Chief of Bureau of Provision and Clothing, with the rank of Commodore. In consequence of health breaking down from nervous prostration, General Looker, in 1891, resigned the Bureau, and on November 23, 1891, was retired by reason of age.

Charles W. Abbot.—Born in Rhode Island. Appointed from Rhode Island, September 2, 1856; attached to sloop "Falmouth," Brazil Squadron, 1856–8; frigate "St. Lawrence," Brazil Squadron, 1859; steam-sloop "Mohi-

can," coast of Africa, 1859–60; steam-sloop "Pawnee," Atlantic Coast, 1861; had several engagements with Aquia Creek and Mathias Point Batteries in the Potomac River, and participated in the capture of the forts at Hatteras Inlet; steam-sloop "Brooklyn," West Gulf Blockading Squadron, 1862–3; capture of Forts Jackson and St. Philip and city of New Orleans, and first attack on Vicksburg batteries; special duty, New York, 1864; Naval Academy, 1864–6; Board of Examiners at Philadelphia, 1866; Fleet-Paymaster, North Atlantic Squadron, 1867–8; Pay-Office at Boston, 1869–71. Promoted to *Pay-Inspector*, May 23, 1871, and to *Pay-Director*, December 19, 1871; Inspector of Provisions and Clothing, Navy Yard, Portsmouth, New Hampshire, 1872–4; Pay-Office at Boston, 1875–6; Navy Yard, Boston, 1878–9; Inspector of Provisions and Clothing, Navy Yard, Boston, 1880–1; Navy Pay-Officer, Boston, 1883–6; Navy Yard, Boston, 1888, until date of retirement, November 18, 1891.

John S. Cunningham.—Born in Charleston, South Carolina. Appointed from South Carolina, March 13, 1857; purser of sloop-of-war "Dale," West Coast of Africa, full cruise, 1857–9; purser of Naval Academy, Annapolis, 1859–60; Paymaster of sloop-of-war "Plymouth," practice-cruise to Spain, Azores, Madeira, Canary Islands, etc., 1860; Paymaster of sloop-of-war "Macedonian," Gulf of Mexico and Vera Cruz, 1860–1; Fleet-Paymaster, South Atlantic Blockading Squadron, steam-frigate "Wabash," 1862–3; Inspector and Paymaster, Navy Yard, Washington, 1864–5; Fleet-Paymaster, European Squadron, steam-frigate "Colorado," 1865–7; Inspector, Navy Yard, Philadelphia, 1868; Paymaster, Navy Yard, New York, 1869–71. Commissioned as *Pay-Director*, October 14, 1871; Inspector of Provisions and Clothing, Navy Yard, Washington, 1871–2; special duty, Europe, 1873–74; Pay-Officer at San Francisco, 1875–8; special duty, 1879; Pay-Office, Philadelphia, 1879–82. Retired, December 23, 1883.

James D. Murray.—Born in Maryland. Appointed from Minnesota, June 3, 1858; attached to sloop "Cyane," Pacific Squadron, 1858–9; frigate "Potomac," Atlantic Coast, 1861; store-ship "Potomac," West Gulf Squadron, 1862; iron-clad "Roanoke," North Atlantic Blockading Squadron, 1863–4; receiving-ship and Naval Asylum, Philadelphia, 1865–7; Fleet-Paymaster, North Atlantic Squadron, 1868–9; Navy Yard, Washington, 1870. Promoted to *Pay-Inspector*, March 3, 1871; Paymaster, Naval Academy, 1871–4. Promoted to *Pay-Director*, September 25, 1875; Fleet-Paymaster, European Squadron, 1875–6; Naval Asylum, Philadelphia, 1877–8; Naval Academy, 1880–4; Pay-Office, Baltimore, 1885–9; special duty, 1889–90; Naval Academy, August, 1890, until date of retirement, September 20, 1891.

Alexander W. Russell.—Born in Maryland. Served in the sloop of-war "Saratoga," coast of Africa, 1842–4, as Captain's Clerk, and in the operations against Bereby and the adjacent towns on that station, under Commodore M. C. Perry, December, 1843; also served in Company C (Captain Samuel H. Walker, Texan Ranger), Mounted Rifle Regiment, in the Mexican War; was Clerk to the Committee of Naval affairs, United States Senate, 1858–61. Nominated *Paymaster* in the navy from the District of Columbia on the 14th and confirmed 28th February, 1861; attached to steamer "Pocahontas," Potomac River and Chesapeake Bay, April and May, 1861; to sloop "Savannah," N. and S. A. Blockading Squadron, and in Savannah River at capture of Tybee Island, in command of the powder division; April 1, to steam-frigate "Colorado," capture of the forts in the Mississippi River and New Orleans; to the iron-clad steamer "New Ironsides," special service, 1862; South Atlantic Squadron, 1863–4, when he was

specially thanked by Commodore (Vice-Admiral) Rowan, commanding the "New Ironsides," in his official dispatches, "for great zeal and ability in command of the powder and shell division" during the various (27) engagements with the forts and batteries of Charleston harbor, in which, as Rear-Admiral Belknap, recently writes to Pay Director Russell: "Do you know, that you supplied to the guns of the "Ironsides," in face of the enemy, 4,439 charges of powder, together with a like number of shells? That the aggregate weight of the shells was 258½ tons? The Cramps might build and equip a gunboat with that amount of iron." To the receiving-ship "North Carolina," New York, 1864–5; suggested, and under the orders of Admiral Paulding and Captain McKinstry, inaugurated the lasting reform of issuing to all recruits their needed outfit of clothing and small stores, and furnishing each with an itemized bill of the cost of the same at the government rates, instead of the scant and ununiform supplies furnished them by the shipper, at the most exorbitant cost; to steamer "Chattanooga," special service, 1866; to steam-sloop "Sacramento," special service, 1866–7, till wrecked in the Bay of Bengal, coast of India; when it was found that the "Sacramento" was hard and fast and sinking gradually, with the seas breaking over her starboard quarter, two rafts were ordered to be constructed, as it was found that boats could not live amid the breakers. On the smaller of them, on which the Paymaster was ordered to go to procure relief, he had secured his most important books and vouchers carefully packed in a tarpaulin bag, and then inserted in another to protect it as much as possible from water. The Paymaster then, on his own motion, provided each of the officers, petty officers and leading men of the crew with a liberal amount of money in the event of their being separated after escaping from the wreck. The raft was then launched under the lee bow, and he with others boarded and lashed themselves with ropes to the logs composing it, when Lieutenant Frederick Rodgers, in the whale boat, took it in tow, and after hours of hard and skillful towing, with each sea breaking over the raft, succeeded in getting it safely through the breakers and surf to the shore. After spreading his books in the sun to dry, the Paymaster, taking with him a fireman and marine, started on foot for relief—their clothing drying upon their bodies. At the end of some four miles, the Paymaster fell from sun stroke, but after free applications of water, revived sufficiently to enable him, with the aid of his two men, to reach a small village a mile further on. Then, after a brief rest and drinking freely of boiled goat's milk, the only food obtainable, he hired a large canoe, two leading natives and four others to pole, row and sail the canoe (none speaking English); started on one of the branches of the Godavery River, for the town of Coringa, arriving there after midnight, engaged three large wrecking boats and sent them to the ship. Then proceeding to Cocanada, the headquarters of the English officials, chartered a small steamer under Captain Thompson, in the customs service; proceeded at once to the wreck, leaving orders at Cocanada for ample provision to be made for quartering and subsisting the officers and crew. Reaching the scene of the wreck and finding, the sea having abated, that the officers and crew had gone to Yanaon (French), he followed them—aroused them after midnight and conducted them to Cocanada, where they found everything provided as ordered. The safe with some $30,000 was saved, and the accounts settled without the loss of a cent to either the Paymaster or the government. Inspector Provisions and Clothing, Navy Yard, Washington, 1868–70; Navy Pay-Office, Philadelphia, 1870–3. Promoted to *Pay-Inspector*, March 3, 1871; Inspector Provisions and Clothing, Navy Yard, Philadelphia, October, 1873, to Janu-

ary 15, 1874; Navy Pay-Office, Philadelphia, 1874–7. Promoted to *Pay-Director*, February 23, 1877; Navy Pay-Office, Baltimore, March 31, 1877, to January, 1882; Navy Pay-Office, Philadelphia, May, 1882, to February 3, 1886. Retired, February 4, 1886.

Augustus H. Gilman.—June 1, 1861, appointed *Paymaster*, U. S. Navy; June 15, 1861, ordered to U. S. S. "Marion," blockading duty; transferred to U. S. S. "Santee;" September, 1862, ordered to Naval Station, Mississippi Squadron, at Cairo, Illinois; January, 1866, ordered to Navy Yard, Portsmouth, N. H.; April, 1869, ordered to U. S. S. "Delaware" as Fleet-Paymaster, Asiatic Squadron; June, 1871, promoted to *Pay-Inspector;* July, 1871, ordered to Navy Pay-Office, Boston, Mass.; March, 1873, ordered to U. S. S. "Wabash," as Fleet-Paymaster, European Squadron; March, 1877, ordered to Navy Pay-Office, New York City; June, 1879, promoted to *Pay-Director;* November, 1881, ordered to Navy Yard, Boston, Mass., as Inspector of Provisions and Clothing; May, 1884, ordered to Navy Pay-Office, New York City. August, 1886, retired.

Cuthbert P. Wallach.—Born in District of Columbia. Appointed from District of Columbia, June 1, 1861; attached to sloop "Preble," Atlantic Coast, 1861–2; steam-sloop "Mississippi," West Gulf Blockading Squadron, 1863; steam-sloop "Powhatan," flag-ship, West India Squadron, 1864; Naval Station, Mound City, Illinois, 1867–8; receiving-ship "Portsmouth," New Hampshire, 1869–70; "Guerriere," European Station, 1870–2. Promoted to *Pay-Inspector*, March 3, 1871; Navy Yard, New York, 1873–6; Inspector of Provisions, etc., Navy Yard, League Island, 1876–7; Fleet-Paymaster, S. A. Station, 1877; Inspector of Provisions, Navy Yard, Norfolk, 1883–5. Retired, July 4, 1889.

PAY-INSPECTORS ON THE ACTIVE LIST.

Luther G. Billings.—Born in New York. Appointed from New York, October 24, 1862; entered the service as *Acting Assistant Paymaster;* attached to steamer "Water-Witch," South Atlantic Blockading Squadron, 1862–4; while attached to the "Water-Witch," took part in a number of minor engagements and expeditions, the most important of which were St. John's Bluff, Florida, Charleston, Pocataligo, North Edisto and Georgetown, South Carolina and Ossabaw Sound, Georgia; on June 4, 1864, the "Water-Witch" was attacked, while at anchor in Ossabaw Sound, by a large boarding party of rebels, and after a desperate hand-to-hand conflict was captured; Paymaster Billings took an active part in this engagement, being the first man on deck, killed the commanding officer of the Confederates, and several men in hand-to-hand conflict; saved the life of his commanding officer by killing the man who had cut him down, and while in the act of despatching him, received a severe wound which disabled him. The Confederates suffered a loss of eight killed, twenty-two wounded, and four missing; was taken to the C. S. Naval Hospital, Savannah, the same day, remaining under treatment until June 12, when, having incurred the displeasure of Com. Hunter, was sent to prison-camp Oglethorpe, Macon, Georgia, before his wounds had healed. On July 20, in company with fifteen hundred officers, was removed to Charleston, South Carolina, shortly after crossed the North Edisto River with four comrades, jumping from the train while in rapid motion, and, aided by the darkness, succeeded in reaching the woods; after almost unendurable suffering from fatigue and hunger, and after escaping the bloodhounds by crossing a

large marsh, was recaptured on July 25, when about four miles from the sea-coast, by a detachment of the Second South Carolina Cavalry, aided by a pack of thirty-four bloodhounds; only escaped being torn to pieces by the proximity of the troopers; was then taken to Charleston, where he arrived on July 27; on September 1, all the naval officers and men were started for Richmond, Virginia, arriving at Libby Prison on the 5th, having had but one ration served out to them while in transition, which caused the death of a number of prisoners from starvation, among whom were four of the "Water-Witch." Paymaster Billings received commendatory letters from Rear-Admiral H. Paulding and Commander Austin Pendergrast for his meritorious conduct during the defence of the "Water-Witch;" steamer "Connecticut," special cruise, 1864–5; visited all the forts in the West Indies and Laguayra, Carthagena, Cumana, and Aspinwall on the main-land. Appointed *Assistant Paymaster*, March 3, 1865; steamer "Wateree," South Pacific Squadron, 1866–8; witnessed the bombardment of Callao by the Spanish fleet, and visited all the ports of the South Pacific Squadron, until August 14, 1868, when the cruise was brought to a sudden end by the terrible earthquake at Arica, Peru, which left the ship some five hundred yards inland, utterly destroyed the town and the remaining ships in the harbor, and caused immense loss of life; Paymaster Billings received a commendatory letter from Commander Gillis for his cool and courageous bearing during the trying circumstances in which the officers of that vessel were placed. Commissioned as *Paymaster*, U. S. Navy, May 4, 1866; receiving-ship "Norfolk," Virginia, 1869–72; S. S. "Powhatan," North Atlantic Station, 1872–5; Navy Yard, New York, 1876–8; receiving-ship "Colorado," 1878; special duty, New York, 1879; Naval Academy, 1880; "Constellation," 1881; Naval Academy, 1881; "Constellation," 1882; Naval Academy, 1882–3; practice-ship "Constellation," 1883; Naval Academy, 1883–4; special duty, Chester, Pennsylvania, 1885–6; Bureau of Provisions and Clothing, 1887; "Pensacola," 1889–90; Fleet Paymaster, N. A. Station, July, 1890, to December, 1892; Navy Pay Office, New York, January, 1893, to date.

Arthur J. Pritchard.—Entered the U. S. Navy, October 7, 1861, as an *Assistant Paymaster*, regular service; sailed from Philadelphia in December, 1861, in the gunboat "Itasca," commanded by C. H. B. Caldwell, and joined the East Gulf Blockading Squadron, at that time under the command of Flag-Officer McKean, but who was soon afterwards relieved by Rear-Admiral Farragut; was attached to the "Itasca" for two years, during which time that vessel was engaged in all the fights on the Mississippi River, prominent among which were those at Forts Jackson and St. Philip, Vicksburg, Grand Gulf, Manshac Bend, etc., etc.; previous to the first-named engagement, the "Itasca" succeeded in cutting the chain extending across the river, by means of a number of small vessels, for the purpose of obstructing and preventing the passage of the Federal fleet on its way to the city of New Orleans; was wounded in the fall of 1862, and sent to a hospital in New Orleans, where remained for about two months, but so serious was the injury, and so tardy the recovery, that was sent North for treatment, and was altogether incapacitated from duty for seven months; at the expiration of that time, rejoined vessel and remained with her until her return North for repairs, in September, 1863, when was detached and ordered at once to the U. S. steamer "Wyalusing;" the "Wyalusing" proceeded to the Sounds of North Carolina, for the purpose of attempting to capture or destroy the Confederate ram "Albemarle," but engaging that vessel, after a few hours' hot fighting, the ram retreated up the Roanoke River, where she remained

until destroyed by Lieutenant Cushing; the "Wyalusing" afterwards assisted at the capture of Plymouth in 1864; in this same year was promoted to the full rank of *Paymaster;* in the summer of 1865 was detached, and after settling accounts, was ordered to the U. S. steamer "Ticonderoga," Captain Charles Steadman, and sailed the following autumn from Philadelphia, to join the European Squadron; stopping for a few days at the Azores, the vessel arrived at Lisbon in December, and during forty months that she remained on the station, visited almost every sea-port town from Cronstadt, Russia, which place she visited with Admiral Farragut, to St. Paul de Loando, on the coast of Africa, including all the Mediterranean Ports, not excepting Constantinople; in the autumn of 1869 joined the U. S. steamer "Benicia," Captain S. Nicholson, and sailing from Portsmouth, New Hampshire, bound for China, touched at Rio de Janeiro, the Cape of Good Hope, Anger Point, in Java, and Singapore, arriving at Hong Kong, China, in July or August of 1870; after visiting several Chinese and Japanese ports, arrived at Yokohama, Japan, in 1871; there his health became so much impaired, that he was sent home, by recommendation of a medical board of survey; after recovering his health in 1872, joined the U. S. steamer "Saranac," Captain Thomas S. Phelps, at Panama, which vessel, soon after he joined her, became the flag-ship of Rear-Admiral A. M. Pennock, commanding the North Pacific Squadron; in her visited all the sea-ports from Panama northward to Sitka, Alaska Territory, the beautiful sheet of water Puget's Sound, and the Sandwich Islands; after leaving the "Saranac," and settling accounts, was ordered, January, 1875, to the U. S. steamer "Powhatan," Captain James E. Jouett, and sailed that same month for Europe, having on board Rear-Admiral John L. Worden, the relief of Rear-Admiral Case, then commanding the European Squadron, the latter officer returning to the United States in the "Powhatan," which touched at the West India Islands on her homeward voyage; was detached from the "Powhatan," July 26, 1877, and joined the U. S. training-ship "Minnesota," at New York, January 28, 1878; was detached, February 1, 1881; was ordered to the Navy Pay-Office, Baltimore, Md., January 4, 1882; was promoted to *Pay-Inspector,* December 24, 1883; was detached from the Pay-Office, February 2, 1885, and joined the U. S. steamer "Pensacola;" became flag-ship of the European Squadron, Rear-Admiral S. R. Franklin, commanding; the "Pensacola" arrived at home from Europe in February, 1888, and the following month was detached; in April, 1889, was ordered to the Baltimore Pay-Office, and remained until April, 1893; Navy Pay-Office, Norfolk, Va., April, 1893, to date.

Albert S. Kenny.—Born in Iowa. Appointed from Vermont, March 19, 1862. Entered the service as *Assistant Paymaster;* attached to steamer "South Carolina," South Atlantic Blockading Squadron, 1862–4; steamer "Santiago de Cuba," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher. Promoted to *Paymaster,* March 9, 1865; in charge of stores at Loando, 1866; Navy Pay-Office, at San Francisco, California, 1868–71; U. S. S. "Plymouth," 1872–3; "Roanoke," iron-clad, N. A. Station, 1873–4; Naval Academy, 1875–80; special duty, 1881; Fleet-Paymaster, N. A. Station, 1881–4; special duty, 1884; Navy Yard, Boston, 1885–7; Bureau of Provisions and Clothing, 1887–90; General Storekeeper, Navy Yard, New York, October, 1890, to June, 1893; "Chicago," European Station, June, 1893, to date.

James E. Tolfree.—Born in New York. Appointed from New York as *Acting Assistant Paymaster,* September 13, 1862; ordered to U. S. S.

"Vanderbilt," special service, 1862–5. Appointed *Assistant Paymaster*, March 3, 1865. Commissioned as *Paymaster*, May 4, 1866; U. S. S. "Richmond," European Squadron, 1869–71; receiving-ship at New York, 1872–6. Promoted ten (10) numbers in grade for meritorious service at Fort Fisher in February, 1875; new commission, dated 22d January, 1866; Purchasing Pay-Office, Philadelphia, Pa., 1876–7; Fleet-Paymaster, European Squadron, 1877–8; charge Naval Depot, Villefrancher sur-Mer, 1878–9; Pay-Office, Navy Yard, Washington, 1879; Fleet-Paymaster, South Atlantic Station, 1879–82; receiving-ship at New York, 1882–5; Fleet-Paymaster, Asiatic Station, 1886–9; General Storekeeper, Navy Yard, New York, 1889–90; training-ship "Minnesota," December, 1890, to November, 1893.

George A. Lyon.—Born in Pennsylvania. Appointed from Pennsylvania, June 11, 1862. Entered the service as *Assistant Paymaster;* attached to the "Lexington" and "Tuscumbia," Mississippi Flotilla, 1862–3; participated in the attack on Haines' Bluff, December, 1862; in the capture of "Arkansas Post," January 12, 1863; in several conflicts on the Cumberland and Tennessee Rivers, during January, February, and March, 1863; running the Vicksburg batteries on the night of April 16, 1863; battle of Grand Gulf, April 29, 1863, and in all the engagements of the Mississippi Squadron, during the siege of Vicksburg; steam-sloop "Pontoosuc," North Atlantic Blockading Squadron, 1864–5; both attacks on Fort Fisher, 1864–5, and in the subsequent engagements on Cape Fear River, which resulted in the surrender of Wilmington, North Carolina; afterwards in the James River, Virginia, until the fall of Richmond; receiving-ship "Potomac," Gulf Squadron, 1866–7. Promoted to *Paymaster*, January 23, 1866; store-ship "Idaho," Asiatic Squadron, 1867–70; "Michigan," 1871–4; Inspector of Provisions, Navy Yard, Washington, 1875–8; Navy Yard, Washington, 1881–3; "Trenton," Asiatic Station, 1883; Fleet-Paymaster, Asiatic Station, 1883–6; Navy Pay-Office and Navy Yard, Portsmouth, N. H., 1887–90. Promoted to *Pay-Inspector*, September 15, 1888; Navy Pay-Office, San Francisco, September, 1890, to September, 1893.

Edward Bellows.—Born April 28, 1840, Newport, R. I.; private 8th Regiment, N. Y. S. M., April 20, 1861; discharged, August 2, 1861. *Assistant Paymaster*, U. S. Navy, June 11, 1862 *Paymaster*, February 20, 1866. *Pay Inspector*, July 5, 1889; with the 8th N. Y. S. M., under General Butler, at Annapolis; Relay House and Baltimore, April to July, 1861; joined McDowell's Army and at First Battle of Bull Run, July 21, 1861; served on U. S. S. "Sonoma," with Admiral Wilkes' Flying Squadron, 1862–3; on U. S. S. "Osceola," North Atlantic Squadron, 1863–5; was in both attacks on Fort Fisher, December, 1864, and January, 1865; served on the James River and present at Fall of Richmond, 1865–9; U. S. S. "Shamokin," South Atlantic Squadron; on duty in San Francisco, Cal., 1869–80; Navy Yard, Mare Island, 1880–81; U. S. S. "Alaska," 1881; U. S. S. "Shenandoad," Pacific Squadron, 1883–5; U. S. S. "Swatara," 1888–90; U. S. S. "Marion" and Norfolk Navy Yard, 1890–2; Navy Pay-Office, San Francisco, September, 1893, to date.

George William Beaman.—Born in Vermont. Appointed from Missouri, March 5, 1862; entered the service as *Assistant Paymaster:* attached to steam-gunboat "Seneca," South Atlantic Blockading Squadron, 1862–3; supply steamer "Union," for East and West Gulf Blockading Squadrons, 1863–64; special duty, Mound City, Illinois, and Mississippi Flotilla, 1865; gunboat "Algonquin," 1866. Promoted to *Paymaster*, March 28, 1866; in charge accounts of ships, Naval Academy, 1866–8; store-ship "Cyane," and Naval

Storehouse, Panama, 1869; steam-sloop "Ossipee," North and South Pacific Stations, 1869–72; Navy Yard, Norfolk, 1872–5; frigate "Franklin," 1876; Navy Yard, Washington, 1877; steamer "Monongahela," Asiatic Station, 1878–9; Naval Home, Philadelphia, 1880–3; steamer "Shenandoah," Pacific Station, 1885-6; general store-keeper, Navy Yard, Boston, 1887–9; cruiser "Baltimore," 1890; general store-keeper, Navy Yard, Mare Island, Cal., September, 1890, to December, 1892. Promoted to *Pay-Inspector*, September 12, 1891; "New York," S. A. Station, August, 1893.

Arthur Burtis.—Born in New York. Appointed from New York, July 14, 1862; entered the service as *Assistant Paymaster;* attached to steam-gunboat "Sagamore," East Gulf Blockading Squadron, 1862; steamer "Connecticut," special duty in Gulf and North Atlantic Blockading Squadron, 1862–64; engaged with Fort Fisher while chasing blockade-runner,—the "Connecticut" captured several valuable prizes; steamer "Muscoota," Gulf Squadron, 1864–6. Promoted to *Paymaster*, May 4, 1866; League Island, Pennsylvania, 1867–9; member of Board of Examiners, 1867; Judge-Advocate of Court-Martial, 1868; steamer "Brooklyn," European Fleet, 1870–3; Fleet-Paymaster, European Station, 1871; member of General Court-Martial, 1871; member of Board of Examiners, 1873; Bureau of Provisions and Clothing, Navy Department, 1873; Inspector of Provisions and Clothing, Navy Yard, Philadelphia, 1874–6; steamer "St. Louis," 1875–6; leave of absence, 1878; temporary duty, League Island, 1878–9; practice-ship "Constellation," 1880; detached from U. S. S. "Constellation," September, 1880; on duty as Inspector of Flour, etc., New York, June, 1881; U. S. S. "Galena," North Atlantic Squadron, September, 1883, to May 31, 1886; Paymaster, Navy Yard, New York, June 30, 1886, to May 15, 1889; U. S. R. S. "Vermont," May 15 to January 25, 1890; Fleet-Paymaster, Pacific Station, January, 1890, to December, 1892. Promoted to *Pay-Inspector*, September 21, 1891; Navy Yard, New York, December, 1892, to date.

Edwin Putnam.—Born in Maine. Appointed from Maine, September 20, 1862; entered the service as *Assistant Paymaster;* attached to iron-clad steamer "Nahant," North Atlantic Blockading Squadron, 1862–3; sloop "Portsmouth," West Gulf Blockading Squadron, 1864–5; steamer "Mackinaw," North Atlantic Squadron, 1866. Promoted to *Paymaster*, May 4, 1866; in charge of stores at Loando, 1867–8; Paymaster at Portsmouth, New Hampshire, 1869–72; "Benicia," N. P. Station, 1872–75; Navy Yard, Portsmouth, New Hampshire, 1875–80; "Galena," Pacific Station, 1880–3; Navy Yard, Portsmouth, N. H., 1884–7; "Atlanta," Squadron of Evolution, 1888, to Nov., 1891. Promoted to *Pay-Inspector*, Nov. 19, 1891; leave of absence, Nov., 1891, to June, 1892; Navy Yard, Boston, June, 1892, to date.

Worthington Goldsborough.—Born in Maryland. Appointed from Maryland, September 30, 1862; entered the service as *Acting Assistant Paymaster:* attached to steamer "Southfield," North Atlantic Blockading Squadron, 1862; store-ship "St. Lawrence," North Atlantic Blockading Squadron, 1863–4. Appointed *Assistant Paymaster*, U. S. Navy, July 2, 1864; steamer "Shamrock," European Squadron, 1866–7. Commissioned as *Paymaster*, May 4, 1866; frigate "Constitution," (school-ship), 1869–71; Navy Yard, Washington, 1871–2; "Omaha," S. P. Station, 1872–5; Naval Academy, 1876; Coast Survey, 1876–8; "Brooklyn," S. A. Station, 1881–3; Navy Yard, League Island, 1885–8; Pay Office San Francisco, 1888–90; Pacific Station and Special Service Squadron, November, 1890, to December, 1893. Promoted to *Pay-Inspector*, November, 24, 1891; General Store-keeper, Naval Academy, December, 1893, to date.

Robert P. Lisle.—Born in Pennsylvania. Appointed from Pennsylvania, November 2, 1863; entered the service as *Acting Assistant Paymaster;* special duty, Bureau of Provisions and Clothing, 1863–4. Appointed *Assistant Paymaster*, July 2, 1864; iron-clad "Canonicus," South Atlantic Blockading Squadron, 1864–5; steam-sloop "Swatara," West India Squadron, 1865–6. Promoted to *Passed Assistant Paymaster*, May 4, 1866; steam-sloop "Resaca," North Pacific Squadron, 1866–9. Commissioned as *Paymaster*, December 11, 1867; League Island, 1870–2; "Alaska," European Squadron, 1873–6; R. S. "St. Louis," 1877–8; "Powhatan," N. A. Station, 1881–3; R. S. "St. Louis," 1884–7; "Trenton," special service, 1887; "Lancaster," 1887–9; R. S. "St. Louis," 1889–92. Promoted to *Pay Inspector*, January 19, 1892; General Storekeeper, Navy Yard, Norfolk, Virginia, September, 1892, to date.

Robert W. Allen.—Born at Northampton, Massachusetts, 1837. Appointed *Acting Assistant Paymaster*, January 20, 1864; ordered to steamer "Albatross," West Gulf Squadron; detached from "Albatross," June 15, 1864, she going out of commission on that date at Portsmouth, New Hampshire; reported to Rear-Admiral Dahlgren, at Port Royal, South Carolina, for duty, August 30, 1864, and was ordered by Admiral Dahlgren to assist Acting Assistant Paymaster H. K. Opp, at the Naval Station, Bay Point, who had charge of the accounts of tugs and other small vessels in the harbor and on the coast; relieved Acting Assistant Paymaster Opp, by order of Admiral Dahlgren, October 11, 1864; removed stores, accounts, etc., from Bay Point to barque "Houghton," in Port Royal harbor, by order of Admiral Dahlgren, October 17, 1864; ordered by Department to ship "New Hampshire," in Port Royal harbor (the "Houghton" going North), relieving Acting Assistant Paymaster L. L. Brigham, and continuing all his other duties, May 31, 1865; ordered by Department to relieve Paymaster C. C. Upham, as in charge of general naval stores at Bay Point, in addition to other duties, October 12, 1865; "New Hampshire," sailed for Norfolk, May 23, 1866. Commissioned as *Passed Assistant Paymaster* in regular navy, July 23, 1866; detached from "New Hampshire" at Norfolk, October 1, 1866; reported for duty on "Swatara," at Navy Yard, Washington, February 27, 1867. ("Swatara" sailed from Washington in early part of March, 1867, to join the European Squadron, in which she remained till April 23, 1869, when she sailed for Philadelphia; thence to New York, where she was put out of commission on June 21, 1869.) Commissioned *Paymaster* February 1, 1869; reported for duty at the Bureau of Provisions and Clothing, September 9, 1869; detached from Bureau and ordered to practice-ship "Savannah," at Annapolis, April 30, 1870. ("Savannah" sailed June 16, 1870, for Plymouth, England; thence to Madeira; thence home, arriving at Annapolis September 16; thence, after transferring midshipmen, to Norfolk, where she was put out of commission late in October, 1870.) Reported for duty on receiving-ship "Potomac," at Philadelphia, December 31, 1870; detached from "Potomac" and ordered to receiving-ship "Vandalia" at Portsmouth, New Hampshire, October 1, 1871; in May, 1872, "Vandalia" was relieved as receiving-ship by "Sabine;" detached from "Sabine," December 31, 1872, and ordered to take steamer leaving San Francisco, March 1, 1873, and report for duty on the store-ship "Idaho," at Yokohama, Japan; reported for this duty, March 29, 1873; "Idaho" having been put out of commission to be sold, and the stores of which he had charge sent to Nagasaki, where a store-house for the use of the navy in Asiatic Fleet had been leased for ten years from January 1, 1874, he was ordered there in

charge, December 30, 1873; reported, January 11, 1874; detached from charge of store-house at Nagasaki and ordered home by recommendation of medical survey, November 9, 1874; reported for duty on store-ship "New Hampshire," at Norfolk, March 6, 1876. ("New Hampshire" left Norfolk, May 10, 1876; arrived at Port Royal, May 13). Detached from "New Hampshire" at Port Royal, South Carolina, January 11, 1878; reported for duty on U. S. ship "Constitution," at Philadelphia; Naval Academy, 1881–4; Inspector, Naval Institute, 1884; special duty, Judge-Advocate General's office, 1885; "Brooklyn," S. A. Station, 1885; "Omaha," Asiatic Station, 1885–8; General Storekeeper, Navy Yard, Washington, 1886–92; General Storekeeper, Navy Yard, Portsmouth, April, 1892, to date. Promoted to *Pay-Inspector*, December 25, 1892.

A. D. Bache.—Born in Pennsylvania. Appointed, January 8, 1862, *Captain's Clerk*, U. S. flag-ship "Hartford;" bombardment and passage of Forts Jackson, St. Philip, and Chalmette batteries, April, 1862; passage of Vicksburg batteries, June, 1862; commended by Flag-Officer Farragut in his official report to Hon. Secretary of the Navy, 1862. Appointed *Acting Assistant Paymaster* from Pennsylvania, November 14, 1862; U. S. S. "Hendrick Hudson," East Gulf Blockading Squadron, 1862–4; also in charge of stores at Bay Point, South Carolina; U. S. S. "Chenango," North Atlantic Squadron, 1865; U. S. S. "Tacony," North Atlantic Squadron, 1865–6. Appointed *Passed Assistant Paymaster*, United States Navy, July 23, 1866; U. S. S. "Iroquois," Asiatic Squadron, 1866–9. Commissioned as *Paymaster*, June 11, 1868; U. S. S. "Iroquois," Asiatic Squadron, 1870; member of Board of Examiners, 1870–1; receiving-ship "Potomac," 1872–4; in charge of store at Villefranche, France, Mediterranean Squadron, 1874–7; U. S. S. "Michigan," Northern Lakes, 1877–80; special duty, Washington, D. C., 1881; Inspector of Provisions and Clothing, Navy Yard, League Island, 1881–4; U. S. S. "Adams," Pacific Station, 1885–9; Paymaster United States Navy Yard, League Island, 1889–92; Naval Home, Philadelphia, 1892 to date. Promoted to *Pay-Inspector*, September 26, 1893.

PAY-INSPECTORS ON RETIRED LIST.

Retired from incapacity resulting from long and faithful service.

James Hoy.—Born in New Jersey. Appointed from New York, October 11, 1861; entered the service as *Assistant Paymaster;* attached to steam-sloop "Mohican," special service, 1863–4. Promoted to *Paymaster*, October 8, 1864; special service, New York, 1865; steam-sloop "Monongahela," West India Squadron, 1866, and North Atlantic Squadron, 1867–8; school-ship "Constitution," 1869; Naval Storekeeper, Naval Academy, 1870–1; Naval Storekeeper, Villefranche, 1871–4; receiving-ship "Wabash," 1876–9; Fleet-Paymaster, N. A. Station, 1880–2; Navy Yard, Washington, 1883–6; "Richmond," 1887–90. Retired, January 18, 1892.

Francis H. Swan.—Born in Massachusetts. Appointed from Massachusetts, December 9, 1861. Entered the service as *Acting Assistant Paymaster*, attached to steamer "Potomaska," S. A. Blockading Squadron, 1863–4; prisoner of war, 1864–5. Appointed *Assistant Paymaster*, United States Navy, March 9, 1865; steamer "Frolic," European Squadron, 1865–7. Promoted to *Passed Assistant Paymaster*, May 4, 1866. Commissioned as *Paymaster*, March 5, 1867; steam-sloop "Saranac," North Pacific Squadron, 1867–8; practice-ship "Macedonian," 1869–70; receiving-ship at

Boston, 1871–2; Fleet-Paymaster, N. A. Station, 1874–5; Navy Yard, Boston, 1876–8; special duty, Washington, 1882; "Powhatan," 1883–6. Retired, July 15, 1886.

Charles Fox Guild.—Born at Brooklyn, N. Y., June 6, 1843. Appointed secretary to Acting Rear-Admiral D. D. Porter, commanding Mississippi Squadron, January 20, 1863. Transferred with Admiral Porter to North Atlantic Squadron, October, 1864. Appointed *Acting Assistant Paymaster*, October 8, 1864. Appointed *Assistant Paymaster*, regular service, December 12, 1864, but remained with Admiral Porter, performing duties as secretary, until April 12, 1865; ordered to U. S. S. "Canandaigua," November 15, 1865, and served on her during the entire cruise in Europe, going out of commission in New York, February, 1869. Promoted to *Paymaster*, May 4, 1866; ordered to Navy Yard, Portsmouth, N. H., March, 31, 1869; advanced ten numbers in the grade of paymaster, May 4, 1871, for services rendered in Mississippi Squadron, carrying dispatches during the war; detached from Navy Yard, Portsmouth, N. H., October 1, 1871, proceeded to Hong Kong, China, and took charge of U. S. Naval Depot at that place; detached from duty in Hong Kong, June 10, 1874, having transferred all stores to Nagasaki, Japan, and returned to the United States; ordered to Navy Yard, Portsmouth, N. H., as Inspector of Provisions and Clothing, November 24, 1874; detached from Navy Yard, Portsmouth, N. H., November 30, 1877; ordered to U. S. S. "Alaska," April 10, 1878, and made cruise in Pacific; being detached from her at Panama, April 25, 1881; ordered to Navy Yard, Portsmouth, N. H., as Inspecter of Provisions and Clothing, August 15, 1881; detached from Navy Yard, Portsmouth, N. H., and ordered to receiving-ship "Wabash," at Boston, September 30, 1882; detached from receiving-ship "Wabash," September 30, 1885; ordered as Paymaster, Navy Yard, New York, January 16, 1886; detached from Navy Yard, New York, and ordered to flag-ship "Tennessee," North Atlantic Station, June 30, 1886. Promoted to *Pay Inspector*, July 16, 1886; detached from flag-ship, N. A. Station, being condemned by Medical Survey and ordered home, January 12, 1888; placed on retired list on account of illness, the result of an incident of the service, September 14, 1888; participated in following battles; Deer Creek Expedition, attacks on Vicksburg, Grand Gulf, both Red River Expeditions, and both attacks on Fort Fisher.

Retired under First Section of Act of April 21, 1864.

John H. Stevenson.—Appointed *Acting Assistant Paymaster*, September 19, 1862; attached to the U. S. S. "Satellite," 1862–3, and was in the first battle of Fredericksburg (on land), with Hooker's division.

In December, 1862, it was observed, from the deck of the "Satellite," that the enemy was making signals across the Rappahannock. The commanding officer of the "Satellite" was about to shell the party, but refrained from doing so at the earnest solicitation of Paymaster Stevenson, who stated he would capture the whole party, apparatus, etc., on the succeeding night, which was done as follows: Two boats' crews left the vessel under command of Paymaster Stevenson, went ashore, captured the party, and broke up the station. While ashore, Paymaster Stevenson ascertained that Captain Charles Lawson, of the 55th Virginia rebel Cavalry, had opened a recruiting station about ten or twelve miles back from the river. The party, after anchoring the boats a short distance from shore, and leaving two boat-keepers in each, started for the recruiting station. The enemy had cavalry pickets out, but the party got safely through, broke up the station, captured Captain Lawson,

and brought him safely on board the U. S. S. "Satellite," from whence he was sent to the old Capitol Prison at Washington.

The commanding officer of the "Satellite" states as follows: "To the bravery and energy of Acting Assistant Paymaster Stevenson the success of the expedition was due. Mr. Stevenson frequently volunteered his services for other hazardous duty, and always performed it to my entire satisfaction."

On the night of July 9, 1863, the U. S. S. "New London" was sent down the river by Captain Woolsey, U. S. N., senior officer present, with important dispatches for Admiral Farragut, at New Orleans, and orders to force her way through, if possible. In regard to this case, Captain Woolsey states as follows: "On the morning of the 10th July, 1863, I received a message that the U. S. S. 'New London' which had been sent down the river during the night, with important dispatches for Admiral Farragut, was aground near College Point, some twelve miles below; that she was disabled, and under the enemy's fire, and her officers and crew behind the levee. I sent to the telegraph station, but found that the wires had been cut; then, before going down to the assistance of the 'New London' I landed Acting Assistant Paymaster Stevenson, with orders to go down behind the levee to the 'New London,' get the dispatches from Lieutenant-Commander Perkins, fasten a bit of lead around them, and, if possible, to proceed down to New Orleans with them, to seize horses as he wanted them, and to dash through the enemy's pickets and suspicious places with all speed; but, if surrounded by the enemy, to pitch the dispatches into the river.

"The cheerfulness with which Mr. Stevenson volunteered to perform this hazardous duty, and the energetic and successful manner in which he performed it, would certainly have been noticed by the Government had my report, in which the circumstances were stated, been received. The distance performed by Acting Assistant Paymaster Stevenson was eighty-five miles, and through the enemy's country."

Admiral D. G. Farragut, U. S. N., also testifies as follows: "I distinctly remember that this officer was very active and energetic in conveying dispatches on the Mississippi River in 1863, and I therefore cheerfully endorse his conduct during that period, as set forth by his commanding officer, and consider him well entitled to Government recognition."

Admiral David D. Porter testifies: "General Sherman had not heard of the capture of Fort Fisher, and I supposed he might march down on Fort Fisher and leave the main road, when he ought to connect with General Grant's army. I called for volunteers to carry dispatches through the enemy's country. Mr. Stevenson volunteered, and carried the dispatches safely to General Sherman, through the enemy's country, at the risk of his neck; for, had they caught him, they would have hung him."

He was, also, in all the battles and skirmishes on the Potomac and Rappahannock Rivers, from November, 1862, to April, 1863; on the Mississippi River, from June, 1863, to September, 1863; all the fights on the James River during the last year of the war, and at the capture of Petersburg and Richmond.

In June, 1870, the President of the United States, by and with the advice and consent of the Senate, advanced Paymaster John H. Stevenson fifteen numbers in his grade, for "extraordinary heroism."

Not deeming him sufficiently rewarded for all his services, the President of the United States, by and with the advice and consent of the Senate, on April 30, 1879, again advanced Paymaster John H. Stevenson fifteen num-

bers in his grade, for "gallant and conspicuous conduct in battle, and extraordinary heroism."

Paymaster Stevenson served on the "Pawnee," South Atlantic Squadron, 1866–9. He was commissioned as *Paymaster* in 1869; R. S. "Vermont," 1869–72; "Lackawanna," Pacific Fleet, 1872–5; special duty at the Centennial Exhibition, 1876; in charge of stores, Nagasaki, Japan, 1876–7; Navy Yard, New York, 1877–80. *Pay-Inspector*, January 18, 1881; Navy Yard, New York, 1883–7; Naval Academy, 1889–90.

PAYMASTERS ON THE ACTIVE LIST.

Leonard A. Frailey.—Born in the District of Columbia. Appointed from District of Columbia, August 20, 1864; entered the service as *Acting Assistant Paymaster;* attached to steamer "Quaker City," North Atlantic and West Gulf Blockading Squadron, 1864–5; participated in the attack on Fort Fisher; steamer "Nyack," Pacific Squadron, 1865–7. Commissioned as *Passed Assistant Paymaster*, United States Navy, July 23, 1866; special duty, Navy Yard, Washington, 1867–8; Naval Station, Mound City, Illinois, 1868–71. Commissioned as *Paymaster*, January 29, 1869; "Wachusett," European Fleet, 1871–4; Bureau of Provisions, 1875; Navy Yard, Norfolk, 1876–9; special duty, Washington, D. C., 1880; practice-ship "Dale," 1880; training-ship "Constitution," 1881; Navy Yard, Norfolk, Va., 1882–5; "Marion," Asiatic Fleet, 1885–6; "Ossipee," 1886–7; special duty, Navy Department, 1887–91; Fleet Paymaster, Asiatic Station, March, 1891 to date.

George E. Hendee.—Appointed *Paymaster's Clerk*, October 10, 1861; served as such on the U. S. S. "Brandywine" and U. S. S. "Pinola," until February, 1864. Appointed *Acting Assistant Paymaster*, March 25, 1864; served on U. S. S. "Don," flag-ship of the Potomac Flotilla, until January, 1866. Appointed *Passed Assistant Paymaster* in the regular service, July 23, 1866; on U. S. S. "Ossipee," from October, 1866, to August 1869. Appointed *Paymaster*, February 27, 1869; served on U. S. S. "Independence," from January, 1870, to October, 1871; on U. S. steamer "Pensacola," from October, 1871, to February, 1872; on U. S. S. "Richmond," October, 1872, to December, 1873; on U. S. S. "Saranac," from December, 1873, to May, 1875; on duty in Bureau of Provisions and Clothing, November and December, 1875; at Navy Pay-Office, Norfolk, Va., from January, 1876, to October, 1876; on U S. S. "Independence," from August, 1877, to May, 1878; at Navy Yard, Mare Island, Cal., from May, 1878, to August, 1880; on U. S. S. "Minnesota," from February, 1881, to February, 1884; on U. S. S. "Powhatan," from August, 1884, to May, 1886; on U. S. S. "Franklin," from July, 1886, to January, 1888; ordered on duty as General Storekeeper, at the Navy Yard, League Island, Pa., February 1, 1888, to December 2, 1891; waiting orders, December 2, 1891, to September 30, 1892; "Philadelphia," N. A. Station, September 30, 1892, to date.

William W. Woodhull.—Born in New York. Appointed *Acting Assistant Paymaster*, May 13, 1863; U. S. steamer "Delaware," North Atlantic Blockading Squadron, 1863–5. Commissioned *Passed Assistant Paymaster*, July 23, 1866; Naval Academy, practice-cruise, 1866; "Yantic," special service, 1867–8; Paymasters' Examining Board, Philadelphia, 1868–9; "Miantonomah," special cruise, 1869–70, Peabody funeral. Commissioned

Paymaster, February 10, 1870; "Shenandoah," European Station, 1870–3; Navy Yard, Boston, 1873–6; in charge of Naval Depot, Nagasaki, Japan, 1877–9; Inspector of Provisions and Clothing, League Island Navy Yard, 1880–1; "Lackawanna," Pacific Station, 1881–4; Inspector Provisions and Clothing, League Island Navy Yard, 1884–6; General Storekeeper, League Island Navy Yard, 1887–8; receiving-ship "Minnesota," N. Y., 1888–9; Assistant to General Storekeeper, Navy Yard, New York, 1889–90; "Baltimore," European Station, August, 1890, to September, 1893; General Storekeeper, Navy Yard, League Island, September, 1893, to date.

Henry T. Wright.—Born in New York. Appointed *Acting Assistant Paymaster*, February 19, 1864; Mississippi Squadron, 1864–6. Commissioned *Passed Assistant Paymaster*, July 23, 1866; North Atlantic Station, 1866–8; "Nantasket," North Atlantic Station, 1869–72. Commissioned *Paymaster*, March 10, 1870; "Ossipee," North Atlantic Station, 1873–4; "Benicia," North Pacific Station, 1875–6; "Lackawanna," North Pacific Station, 1876–8; Navy Yard, Portsmouth, N. H., 1878–81; "Lancaster," European Station, 1881–2; "Nipsic," South Atlantic Station, 1883–6; Navy Yard, Washington, D. C., 1886–9; Bureau of Provisions and Clothing, Navy Department, 1889–90; Coast Survey Office, October, 1890, to June, 1893; "Newark," S. A. Station, June, 1893, to date.

D. A. Smith.—Born in Rhode Island. Appointed *Acting Assistant Paymaster*, August 31, 1863; monitor "Nahant," South Atlantic Blockading Squadron, September 23, 1863, to November 26, 1864; Naval Brigade, under Captain G. H. Preble, South Atlantic Blockading Squadron, November 27 to December 31, 1864; "Wyoming," Asiatic Station, February 16, 1865, to March 31, 1868. Commissioned *Passed Assistant Paymaster*, July 23, 1866; Pensacola Navy Yard, Florida, September 11, 1869, to November 16, 1872. Commissioned as *Paymaster*, July 21, 1870; store-ship "Onward," South Pacific Station, December 17, 1872, to July 1, 1874; flag-ship "Worcester," North Atlantic Station, August 5, 1874, to June 15, 1875; steamer "Plymouth," North Atlantic Station, June 16, 1875, to August 30, 1877; R. S. "Franklin," Norfolk Navy Yard, September 1, 1877, to December 10, 1880; U. S. S. "Alaska," Pacific Station, April 27, 1881, to April 3, 1883; U. S. R. S. "Franklin," July 16, 1883, to August 25, 1886; U. S. S. "Boston," North Atlantic Station, May 7, 1887, to October 31, 1889; U. S. R. S. "Franklin," November 11, 1889, to June, 1893; "Baltimore," Asiatic Station, August, 1893, to date.

Charles A. McDaniel.—Born in Ohio. Appointed as *Acting Assistant Paymaster*, January 19, 1865. Commissioned as *Passed Assistant Paymaster*, July 23, 1866; "Gettysburg," special service, 1867–70; "Terror," iron-clad, N. A. Fleet, 1870–1. Commissioned as *Paymaster*, September 3, 1871; "Iroquois," Asiatic Station, 1872–5; R. S. "Potomac," 1875–6; training-ship "Constitution," 1876–7; "Wachusett," S. A. Station, 1879–82; R. S. "St Louis," 1883–4; R. S. "Wabash," 1885; "Omaha," Asiatic Station, 1888–91; Navy Yard, Boston, September, 1891, to July, 1893; R. S. "Wabash," July, 1893, to November, 1893.

John Furey.—Born in Brooklyn, New York. Appointed as *Acting Assistant Paymaster*, October 6, 1863; on duty on U. S. S. "Monticello," from October, 1863, to July, 1865; Lieutenant W. B. Cushing was in command of the "Monticello" most of the time, and while under his command participated in several expeditions in boats, passing inside the line of fortifications at mouth of Cape Fear River (Fort Caswell and Smith's Island battery) up as far as Smithville, N. C.; was in both engagements at Fort

Fisher, and after the capture of that fort, with Lieutenant Cushing, in his gig, landed at Fort Caswell; took possession of that place and Battery Campbell; then went to Smithville; sent to ship for reinforcements, and established a force of occupation, picket lines, etc.; remained in possession till the army took charge; A. V. Lieutenant H. H. Gorringe afterwards was in command, and ship was one of the squadron sent to cruise for the Confederate ram "Stonewall," which was found in Havana in charge of the Spanish authorities; the "Monticello" was provided with a spar torpedo on the bow, and it was the duty of the commanding officer, in case of falling in with the "Stonewall," to ram her and explode the torpedo; many exciting incidents occurred during the cruise of the "Monticello," and during a considerable portion of the time A. A. Paymaster Furey was in charge of the powder division, and during the two engagements at Fort Fisher he was Signal-Officer. Commissioned as *Passed Assistant Paymaster*, July 23, 1866; U. S. S. "Yucca," Gulf Squadron, 1866–7; U. S. S. "Quinnebaug," South Atlantic Station, 1867–70; Naval Academy, 1871–4; originally ordered for duty in charge of accounts, etc., of ships; afterwards ordered, in addition to such duties, as Naval Storekeeper. Commissioned as *Paymaster*, October 24, 1871; U. S. S. "Monongahela," South Atlantic Station, 1874–6; ordered to take up accounts of "Shawmut," in addition to "Monongahela," at Pensacola, Fla., March 10, 1876, until relieved of that duty, April 14, 1876; special duty as inspector of flour and baking bread at New York, January 10, 1877; relieved, May 1, 1877; special duty at inspection of provisions and clothing, Navy Yard, New York, July 2, 1877, to December 1, 1880; training-ship "New Hampshire," 1881–4; U. S. S. "Quinnebaug," European Station, 1885–9; U. S. R. S. "Vermont," Navy Yard, New York, December 16, 1889, to September, 1893; Navy Yard, New York, Sept., 1893, to date.

Geo. H. Griffing.—Born in Hartford, Connecticut, April 24, 1839. Private 4th Connecticut Infantry (changed to 1st Connecticut Artillery by Act of Congress), May, 1861, to June, 1884. Appointed an *Acting Assistant Paymaster*, November 18, 1864; "Hibiscus," East Gulf Squadron, November, 1864, to August, 1865; League Island Station, December, 1865, to January, 1867. Commissioned as *Passed Assistant Paymaster*, July 23, 1866; "Frolic," European Station, 1867–9; "Narraganset," Pacific Fleet, 1870–3; R. S. "Sabine," 1874–6. Commissioned as *Paymaster*, October 3, 1874; "Enterprise," N. A. Station, 1877–8; R. S. "St. Louis," 1880–3; "Omaha," Asiatic Station, 1885; "Trenton," Asiatic Station, 1886; special duty, Chester, Penna., 1886; Assistant to General Storekeeper, New York, 1887; R. S. "Independence," 1888–90; Navy Yard, New York, 1890, to October, 1891; "Atlanta," October, 1891, to July, 1893; training-ship "Monongahela," July, 1893, to date.

Albert W. Bacon.—Born in Philadelphia, Pennsylvania. *Captain's Clerk* in the Navy, 1861–63; attached to 3rd Division of Porter's Mortar Fleet, Farragut's Squadron, and in the different engagements on the Mississippi River, from the capture of the forts below New Orleans to the attack on Vicksburg. Appointed an *Acting Assistant Paymaster*, November 7, 1863; U. S. steamer "Galatin," 1863–65, West India Squadron; U. S. steamers "Marblehead" and "Yantic," 1866–67. Commissioned *Assistant Paymaster*, July 23, 1866, and *Passed Assistant Paymaster*, August 1, 1866; Bureau Provisions and Clothing, 1868; on the U. S. S. "Portsmouth," South Atlantic Station, 1869–72; Bureau Provisions and Clothing, 1872; Naval Storekeeper at Rio de Janeiro, Brazil, 1873–76 Commissioned as *Paymaster*, October 25, 1874; Bureau Provisions and Clothing, 1876–77; Paymaster, Navy Yard, Washington, 1877–78; Naval Storekeeper at Rio

de Janeiro, 1879–80; Bureau Provisions and Clothing, 1881; Naval Storekeeper, Nice, 1881–82; U. S. steamer "Omaha," 1883; U. S. steamer "Atlanta," 1884–88; Paymaster, Navy Yard, Washington, 1889–93; General Storekeeper, Navy Yard, Mare Island, February 1, 1893, to date.

Henry T. Skelding.—Entered Volunteer Navy as *Acting Assistant Paymaster*, December 31, 1862; engaged in the Yazoo Pass Expedition, siege of Vicksburg, batteries at Liverpool Bluffs and Yazoo City, and Yazoo River with General Dick Taylor; vessel captured and destroyed April 22, 1863; attached to the "Pontiac," South Atlantic Squadron; engagements with Battery Marshall, off Charleston, 6 killed and 7 wounded; Honey Hill fight, near Pocataligo; entered regular service July 23, 1866; attached to Coast Survey steamer "Corwin," February 1867. Promoted *Passed Assistant Paymaster*, March 5, 1867; special duty State Department, 1866; bearer dispatches to Asiatic Squadron, December 18, 1867; store-ship "Supply," 1869; U. S. S. "Swatara," December, 1869, to January, 1871, Samana Bay; Vienna Exposition, U. S. S. "Guard," 1873–74; Storekeeper Nagasaki, Japan, 1874–76. Promoted *Paymaster*, August 19, 1876; U. S. S. "Wyoming," European Squadron, March, 1877, to June, 1881; Paymaster, League Island Yard, 1882–84; U. S. S. "Galena," N. A. Squadron, 1886–87; Navy Yard, Pensacola, 1889–92; Paymaster, Navy Yard, Mare Island, Cal., 1892, to date.

Charles W. Slamm.—Born in New York. Appointed an *Acting Assistant Paymaster*, November 4, 1862; Mississippi Squadron, 1862–5. Commissioned as *Past Assistant Paymaster*, March 22, 1867; Bureau of Provisions, 1869; S. S. "Frolic," 1869–70; "Canandaigua," North Atlantic Station, 1872; leave in Europe, 1873–4; "Ashuelot," Asiatic Station, 1875–8. Commissioned as *Paymaster* 1877; Navy Yard, Norfolk, 1878–81; "Kearsarge," European Station, 1884–6; special duty, New York, 1887; R. S. "Minnesota," 1887; Navy Yard, Norfolk, Va, 1888 to November, 1891; waiting orders, November, 1891, to January, 1892; "Charleston," special service squadron, January, 1892, to date.

Joseph Foster.—Born in Gloucester, Mass., June 17, 1841. Residence, Portsmouth, N. H. Appointed from New Hampshire. Entered the service as *Captain's Clerk*, October 3, 1862; attached to the steamer "Augusta," Commander E. G. Parrott, South Atlantic Blockading Squadron, 1862–3; was present at the attack of the rebel iron-clads on the Blockading Squadron at Charleston, S. C,, January 31, 1863, and at Admiral Dupont's first attack on Charleston, April 7, 1863. Appointed *Acting Assistant Paymaster*, October 19, 1863; attached to the steamer "Acacia," South Atlantic Blockading Squadron, 1863–5, which was stationed most of the time off Charleston, S. C.; was ashore under fire of Battery Marshall, Sullivan's Island, September 14, 1864, and captured the British blockade-running steamer "Julia," December 23, 1864; was present at the fall of Charleston, February 10, 1865, and at the re-raising of the United States flag on Fort Sumter, April 14, 1865; attached to the steamer "Commodore McDonough," South Atlantic Blockading Squadron, 1865, and the steamer "Tallapoosa," Gulf Squadron, 1865–6; while attached to the steamer "Commodore McDonough," he saved his official books and papers from the wreck of that vessel, which foundered at sea, August 23, 1865, on the passage from Port Royal, South Carolina, to New York, nothing else being saved from the ship; transferred to the regular navy and commissioned as *Assistant Paymaster*, July 23, 1866. Promoted to *Passed Assistant Paymaster*, May 10, 1867; attached to the steamer "Arostook," Asiatic Station, 1866–9; steamer "Shawmut," North

Atlantic Station, 1871–5; Torpedo Station, Newport, Rhode Island, 1876–9. Commissioned as *Paymaster*, February 23, 1877; attached to the steamer "Monocacy," Asiatic Station, 1879–82; acting as Fleet-Paymaster for ten months of that time, when he negotiated a large amount of exchange in a satisfactory manner, for which he was specially mentioned in the Annual Report of the Fourth Auditor of the Treasury, for the year 1882; attached to the Naval Asylum, Philadelphia, 1883–6; special duty and assistant to General Storekeeper, Navy Yard, Portsmouth, N. H., 1887–8; attached to the steamer "Pensacola," North Atlantic Station, 1888; General Storekeeper, Navy Yard, Norfolk, Virginia, 1889; Paymaster of Navy Yard and Purchasing Paymaster, Portsmouth, N. H., 1890–3; Paymaster U. S. flagship "San Francisco," N. A. Station, October, 1893, to date.

Edward N. Whitehouse.—Born in New York. Appointed as *Acting Assistant Paymaster*, December 4, 1862; "Choctaw" (iron-clad), Mississippi Squadron, 1862–4; steamer "James Adger," South Atlantic Blockading Squadron, 1865–6. Commissioned as *Assistant Paymaster* in 1866, and promoted to *Passed Assistant Paymaster*, September 6, 1867; "Dale" (fourth-rate), North Atlantic Station, 1867–8; "Sabine," special cruise, 1869–70; "Portsmouth" (training-ship), Mare Island, 1872–5; S. S. "Supply," 1875–6; "Monocacy," Asiatic Station, 1876–9. Commissioned as *Paymaster*, 1877; special duty, New York, 1880; "Ashuelot," Asiatic Station, 1881–4; Inspector Provisions, Navy Yard, New York, 1884; R. S. "Vermont," 1885–9; "Chicago," Squadron of Evolution, 1889, to June, 1893.

Theodore S. Thompson.—Entered, October 9, 1863, as *Acting Assistant Paymaster;* same month, attached to steamer "Rachel Seaman," supply-vessel, doing duty in all the blockading-squadrons; detached, June, 1865; discharged, August, 1865. Commissioned as *Assistant Paymaster*, July 23, 1866; attached to steamer "Tahoma," West Indies and Gulf Squadron, August, 1866; detached duty, August, 1867. Promoted to *Passed Assistant Paymaster*, February 1, 1868; waiting orders till he joined the "Narragansett," at New York, January 15, 1869; served on her in the West Indies; vessel put out of commission, and he was detached in December, 1869; relieved Paymaster Mead, in charge of stores, April 8, 1870, at Key West, Florida, remaining on that duty until May, 1871, when he exchanged duties with Paymaster Gerrard, of the Coast Survey steamer "Bibb;" detached from "Bibb," June 25, 1872; waiting orders till January 15, 1873, when he was ordered to the steamer "Juniata," doing duty on the "Polaris" Search Expedition, then at Santiago de Cuba, bringing home the "Virginius'" prisoners; participated in Naval Drill at Key West, and sailed thence, April 8, 1874, to join European Station; returned to the United States, and placed on special duty at Baltimore, February 6, 1876, officers and crew being transferred to the "Monongahela," September 1, 1876; detached after nearly four years' sea service, December 28, 1877; "New Hampshire," Port Royal, South Carolina, January 1, 1878–9. Promoted to *Paymaster*, January 25, 1878; Navy Yard, New York, 1880–3; practice-ship "Constellation," 1884; "Swatara," North Atlantic Station, 1884–6; R. S. "St. Louis," 1887–90; waiting orders, August, 1890, to February, 1891; "Newark," special service, February, 1891, to July, 1893; Navy Yard, Boston, July, 1893, to date.

William J. Thomson.—Born in District of Columbia. Appointed an *Acting Assistant Paymaster*, March 29, 1865. Commissioned as *Assistant Paymaster*, July 23, 1866; "Unadilla," Asiatic Squadron, 1867–9. Promoted to *Passed Assistant Paymaster*, March 20, 1868; S. S. "Pawnee,"

1870–1; Navy Yard, Pensacola, 1871–4; Bureau of Provisions, 1875; "Kearsarge," Asiatic Station, 1876–8. Commissioned as *Paymaster*, March, 1878; "Ticonderoga," special service, 1878–80; special duty, Coast Survey, 1881–4; "Lackawanna," Pacific Station, 1884; "Mohican," Pacific Station, 1885–7; Smithsonian Institute, 1887–8; receiving-ship "Dale," 1889–92; Naval Station, Port Royal, September, 1892, to February, 1893; "Monterey," Pacific Station, February, 1893, to date.

Henry G. Colby.—Appointed *Acting Assistant Paymaster*, June 22, 1863. Commissioned as *Assistant Paymaster*, July 23, 1866; *Passed Assistant Paymaster*, August 9, 1868; *Paymaster*, September 6, 1878; ship "Gem of the Seas," E. G. B. Squadron, July, 1863, to April, 1865; iron-clad "Essex," Mississippi Squadron, April, 1865, to September, 1865; steamer "Don," Home Station, September, 1866, to April, 1868; sloop "Cyane," Pacific Station, August, 1869, to September, 1871; receiving-ship "Independence," Mare Island, September, 1871, to September, 1874; sloop "Portsmouth," training-ship, Mare Island, July, 1875, to September, 1876; Inspector of Provisions and Clothing, Navy Yard, Mare Island, March, 1878, to December, 1878; steamer "Tuscarora," surveying duty, April, 1879, to July, 1880; Paymaster of the Mare Island Navy Yard, August, 1880, to August, 1883; store-ship "Monongahela," Pacific Station, March, 1884, to May, 1887; General Storekeeper, Mare Island Navy Yard, July, 1887, to July, 1889; Paymaster of the Mare Island Navy Yard, July, 1889–90; "Marion," Asiatic Station, April, 1891, to March, 1893; R. S. "Wabash," October, 1893, to date.

J. Bayard Redfield.—Born in New York. Appointed *Acting Assistant Paymaster*, January 16, 1865. Commissioned as *Assistant Paymaster*, February 27, 1867; practice-ship "Dale," 1867; "Mohican," Pacific Fleet, 1868–72. Promoted to *Passed Assistant Paymaster*, June 11, 1868; "Monocacy," Asiatic Fleet, 1872–5; Coast Survey steamer "Hassler," 1876–8; receiving-ship "Franklin," 1880–3; Navy Yard, Mare Island, 1883–6; "Vandalia," 1886; "Monocacy," Asiatic Station, 1886–9; R. S. "Independence," February, 1890, to May, 1893.

I. Goodwin Hobbs.—Born in Maine. Appointed *Acting Assistant Paymaster*, August 31, 1864; "Unadilla," N. A. Station, 1864–5. Commissioned as *Assistant Paymaster*, February 27, 1867; "Ascutney," special service, 1867–8; and "Tallapoosa," special service, 1868–70. Promoted to *Passed Assistant Paymaster*, September 16, 1868; Bureau of Provisions, 1871–2; "Tuscarora," Pacific Fleet, 1872–5; "Despatch," European Station, 1875–8. Commissioned as *Paymaster*, May 15, 1879; Torpedo Station, 1879–82; "Juniata," Asiatic Station, 1882–6; receiving-ship "New Hampshire," 1886–90; waiting orders, October, 1890, to January, 1891; "Boston," Pacific Station, January, 1891, to December, 1893.

J. Porter Loomis.—Born in Pennsylvania. *Paymaster's Yeoman*, U. S. S. "Brandywine," from November 11, 1861, to April 10, 1862; *Paymaster's Clerk*, U. S. S. "Brandywine," from April 11, 1862, to October 26, 1863; *Acting Assistant Paymaster*, from October 27, 1863, to February 20, 1867; *Assistant Paymaster*, from February 21, 1867, to January 28, 1869; *Passed Assistant Paymaster*, from January 29, 1869, to November 30, 1880; *Paymaster*, December 1, 1880; N. A. Squadron, service on board "Brandywine," November, 1861, to October, 1863; Potomac Flotilla, service on board "Wyandotte," "Western World," and "King Philip," December, 1863, to August, 1865; Navy Yard, Portsmouth, N. H., September, 1865, to May, 1868; North Atlantic Squadron, U. S. S. "Nipsic," October, 1868,

to December, 1870; Pacific Squadron, U. S. S. "Ossipee," February, 1872, to December, 1872; Naval Station, New London, Conn, April, 1873, to September, 1875; European Station, U. S. S. "Vandalia," and U. S. S. "Trenton," January, 1876, to February, 1879; Northwestern lakes, U. S. S. "Michigan," November, 1880, to December, 1883; Commissary, Naval Academy, September, 1884, to May, 1888; General Storekeeper, Navy Yard, New York, May, 1888, to August, 1889; "Constellation," June, 1890, to July, 1893; special court-martial duty, July, 1893, to December, 1893; R. S. "Minnesota," December, 1893, to date.

Henry T. B. Harris.—Born in Connecticut. Appointed *Acting Assistant Paymaster*, November 1, 1864. Commissioned *Assistant Paymaster*, February 27, 1867; "Nyack," South Pacific Station, 1867–9. Promoted *Passed Assistant Paymaster*, February 17, 1869; "Supply," Europe and Brazil, 1870–1; "Frolic" and "Roanoke," 1873–5; charge of stores, Honolulu, 1875–7; charge of stores, Rio de Janeiro, 1878–9. Commissioned *Paymaster*, January 18, 1881; "Swatara," Asiatic Station, 1880–3; training-ship "Minnesota," 1884–6; special duty, Navy Yard, New York, 1886; "Galena," N. A. Station, and Naval Academy, 1886–9; "Boston," Squadron of Evolution, October, 1889, to January, 1891; Navy Yard, New York, January, 1891, to December, 1892; "Miantonomah," N. A. Station, December, 1892, to date.

Henry C. Machette.—Born in Philadelphia, Pennsylvania, October 27, 1842. Entered the service, May, 1861; steamer "Flag," 1861–2; steamer "General Buckingham," North Atlantic Squadron, 1863–4, as *Paymaster's Clerk*. Appointed, April 16, 1864, *Acting Assistant Paymaster;* steamer "Undine," Mississippi Squadron, 1864; upon the destruction and capture of the latter vessel, succeeded in effecting an escape and saving the public funds, the attention of the Department being called to the circumstance by Rear-Admiral Lee; commissioned in the regular service in 1867; steamer "Wasp," Rio de la Plata, 1867–70. Commissioned as *Passed Assistant Paymaster*, February 26, 1869; iron-clad duty, New Orleans, 1871–2; iron-clad "Terror," 1873, North Atlantic Station; steam-sloop "Canandaigua," 1873–4, West Indies; iron-clad "Canonicus," N. A. Station, 1875–6; in charge of stores, Key West Naval Depot, 1877–8. Commissioned *Paymaster*, June 16, 1881; in charge of stores, Key West, Florida, 1878; "New Hampshire," 1879–81; "Monocacy," Asiatic Station, 1882–4; Navy Yard, Norfolk, Va., 1885–7; Navy Yard, League Island, 1888; "Iroquois," Pacific Station, 1889–92; R. S. "St. Louis," August, 1892, to February, 1893; Naval Station, Key West, February, 1893, to date.

George H. Read.—Born in Pennsylvania. Appointed *Acting Assistant Paymaster*, January 14, 1865. Commissioned as *Assistant Paymaster*, February 27, 1867; "Nipsic" (fourth-rate), 1867; "Saginaw," Pacific Fleet, 1868–71. Promoted to *Passed Assistant Paymaster*, March 12, 1869; Torpedo Station, 1871–4; "Intrepid" (torpedo-boat), 1874–5; "Swatara," N. A. Station, 1875–7; Bureau of Provisions, 1877. Commissioned *Paymaster*, August 31, 1881; Bureau Provisions and Clothing, 1877–9; Fish Commission, steamers "Fishhawk" and "Albatross," 1880–3; Naval Clothing Factory, 1883–7; detached, March, 1877 (not assistant to general storekeeper then); "Ossipee," N. A. Station, 1887–9; assistant to general storekeeper, New York, 1887–8; Paymaster of Navy Yard, New York, 1888–90; charge of Naval Clothing Factory, New York, November, 1890, to December, 1892; "Marion," Asiatic Station, December, 1892, to date.

Henry Trumbull Stancliff.—Appointed an *Acting Assistant Paymaster*, January 20, 1865; attached to U. S. S. "Agawam," North Atlantic Squadron, service in James River, North Carolina Sounds, off Newbern, N. C., at close of war (no important engagements). Commissioned *Assistant Paymaster*, February 21, 1867. Commissioned *Passed Assistant Paymaster*, May 19, 1869. Commissioned *Paymaster*, April 2, 1882; duty at Navy Yard, Portsmouth, N. H., 1867–9; Navy Department, winter 1869–70; attached to U. S. S. "St. Mary's," Pacific Station, March, 1870, to June, 1873; "Narraganset" and "Tuscarora," Pacific Station, 1875–6 (the latter vessel ran line of deep sea-soundings from Honolulu, H. I., to Brisbane, Australia, touching at Fijii Islands; Navy Yard, New York, in 1877; attached to "Essex," South Atlantic Station, 1877–9; attached to "Ticonderoga," special cruise, 1880–1; attached to receiving-ship "Independence," Mare Island, California, November, 1882, to November, 1885; Navy Department, December, 1885, to May, 1889; attached to "Marion" and "Swatara," June, 1889, to February, 1891; duty at Navy Yard, Norfolk, Va., October, 1891, to date. From May 22, 1861, to September, 1861, served in Co. A, 4th Regiment Connecticut Volunteers.

Stephen Rand, Jr.—Left Dartmouth College—Sophomore year—aged seventeen years; enrolled August 15, 1861, with Berdan United States Sharpshooters; honorably discharged April 5, 1863, and for meritorious and faithful service was graduated with his class, 1863. Participated in all the following engagements: Peninsula, landed in March; evacuation of Yorktown, April 5, 1862; battle of Williamsburg, Va, May 5, 1862; battle of Hanover Court-House, Va., May 27, 1862; battle of Seven Pines and Fair Oaks, Va., May 31 and June 1. Seven days' battles in Virginia, June 26 to July 1; Mechanicsville, June 26, 1862; Gaines' Mills, June 27, 1862; Chickahominy, June 28, 1862; Savage Station, June 29, 1862; White Oak Swamp, June 29 and 30, 1862; Glendale, June 30, 1862; Malvern Hill, July 1, 1862. Pope's battles between Manassas and Washington, August 26 to September 1, 1862: Groventon, Bull's Run. In December, 1864, was appointed *Third Assistant Engineer*, U. S. Navy; ordered to duty on board U. S. S. "Merrimac," at Navy Yard, Portsmouth, N. H., sailed for Charleston, S. C.; was wrecked at sea February 11, 1865, off Fernandina, Fla., on way to blockade the Port of Galveston immediately after the surrender of Charleston; served continuously in Engineer Corps until in August, 1869, transferred to Pay Corps; was appointed *Assistant Paymaster*, U. S. Navy, stationed at Navy Yard, Portsmouth, N. H. Paymaster, in charge of accounts, etc., of the Tehuantepec Surveying Expedition in Mexico for oceanic canal, 1870–2; charge of iron-clad "New Orleans," 1872. In 1873 promoted to *Passed Assistant Paymaster* and ordered to U. S. S. "Kearsarge," East Indies; ordered to act as Judge-Advocate of Asiatic Squadron and ordered to Japan; was at Vladivostock, Siberia, with Transit of Venus party, 1875; ordered on special duty at Washington, D. C., 1878 to 1881; on European Station, 1881 to 1883; Navy Department, Washington, D. C., 1883 to 1885, at Torpedo Station. Promoted to *Paymaster*, July, 1884; April, 1885, in charge of accounts and stores of Naval and Marine force; ordered to Aspinwall September 21, 1885, afterwards ordered to take special course in Analytical Chemistry, which duty continued till May, 1887; to U. S. S. "Mohican," 1887 to 1891; special duty, Navy Department, 1891 to 1893; Paymaster, U. S. Navy Yard, Washington, D. C., 1893 to date.

Lawrence G. Boggs.—Born in District of Columbia. Appointed *Assistant Paymaster*, September 24, 1869; temporary duty, Navy Department,

1869–70; "Tallapoosa" and "Frolic," special service, 1870–3; "Despatch," special service, 1873–5. Promoted to *Passed Assistant Paymaster*, October 25, 1874; "Marion," European Station, 1875–9; Bureau Provisions, 1879; Naval Station, New London, 1880; Bureau Provisions and Clothing, 1881; training-ship "Saratoga," 1881. Promoted to *Paymaster*, January, 28, 1886; receiving-ship "Dale," 1886–9; training-ship "Richmond," July, 1889, to January, 1891; "Pennington," S. A. Station, January, 1891, to date.

Samuel R. Colhoun.—Born in Pennsylvania. Appointed *Assistant Paymaster*, September 28, 1869; Assistant to Paymaster, Navy Yard, Philadelphia, and Recorder to Board of Paymasters, 1869–71; "Canonicus" and "Saugus" (iron-clads), North Atlantic Station, 1872–3; Assistant to Paymaster at Villefranche, France, 1874–6. Promoted to *Passed Assistant Paymaster*, January 15, 1875; leave in Europe, 1877; "Marion," North Atlantic and South Atlantic Station, 1879–82; training-ship "New Hampshire," 1884–5 (service lasted less than one year). Promoted to *Paymaster*, July 16, 1886; special duty in office of General Storekeeper, Navy Yard, Norfolk, Va., 1887–8; "Ossipee," North Atlantic Station, 1889; special duty in office of General Storekeeper, Navy Yard, Washington, D. C., 1890–1; "Monongahela," Training Squadron, March, 1891, to August, 1893; Navy Yard, New York, August, 1893, to date.

William W. Barry.—Born in Fall River, Massachusetts. *Acting Assistant Paymaster*, July 30, 1863, to September, 1865, Mississippi Squadron. Appointed *Assistant Paymaster*, March 15, 1870; Navy Yard, New York, May, 1870, to December, 1872; U. S. S. "Supply," January, 1873, to December, 1873, Vienna Exposition; U. S. S. "Mayflower," North Atlantic Station, May, 1874, to October, 1874; U. S. S. "Canonicus," North Atlantic Station, November, 1874, to April, 1875; U. S. S. "Alert," North Atlantic Station, May, 1875, to August, 1875; store-ship "Onward," Callao, Peru, September, 1875, to November, 1877; Navy Yard, Boston, July, 1878, to October, 1878; Naval Depot, Nagasaki, Japan, February, 1879, to December, 1881; U. S. S. "Swatara," North Atlantic Station, December, 1882, to December, 1884; U. S. R. S. "Independence," Mare Island, California, October, 1885, to November, 1888; "Essex," S. A. Station, April, 1890, to April, 1893; leave of absence, April, 1893, to July, 1893; Navy Yard, Portsmouth, July 1893, to date.

J. R. Stanton.—Appointed *Assistant Paymaster*, March 25, 1870. Promoted to *Passed Assistant Paymaster*, November 24, 1878, and promoted to *Paymaster*, March 26, 1889; Navy Yard, Mare Island, August 30, 1870, to September 23, 1871; Coast Survey steamer "Hassler," September 8, 1872, to January 1, 1876; special service, April 17, 1876, to July 24, 1876; U. S. S. "Dictator," N. A. Station, August 11, 1876, to June 5, 1877; "Canonicus," N. A. Station, November 24, 1877, to April 10, 1878; New York Navy Yard, November 1, 1878, to May 9, 1879; "Kearsarge," N. A. Station, May 15, 1879, to May 2, 1882; Coast Survey Office, November 1, 1883, to December 31, 1886; "Juniata," Pacific Station, June 13, 1887, to March 26, 1889; training-ship "Minnesota," April 30, 1889, to December 22, 1890; Navy Yard, Mare Island, Cal., December, 1890, to December, 1892; "Mohican," Pacific Station, February, 1893, to date.

James A. Ring.—Born in Massachusetts. Appointed *Assistant Paymaster*, January 24, 1870; receiving-ship "Ohio," 1870–2; Darien Surveying Expedition, 1873; store-ship "Onward," Callao, 1874–5; "Wyandotte," iron-clad, N. A. Station, 1876. Promoted to *Passed Assistant Paymaster*, February 23, 1877; "Fortune," special service, 1877–8; "Jamestown,"

special service in Alaska, 1879–81; "Enterprise," N. A. Station, 1882–4; training-ship "Portsmouth," 1886–7; special duty, Navy Yard, New York, 1887; receiving-ship "Franklin," 1888–9. Promoted to *Paymaster*, August 20, 1889; assistant to General Storekeeper, Norfolk, 1890; special duty, New York, November, 1890, to February, 1891; "Concord," N. A. Station, February, 1891, to June, 1893; "Kearsage," N. A. Station, June, 1893, to date.

John C. Sullivan.—Born in Pennsylvania. Appointed from Ohio, July 13, 1870. Pay Department, Washington, D. C., 1871; Pay Department, Boston, 1872; "Mahopac," 1873; special duty, Boston, 1874; "Yantic," Asiatic Station, 1875–6; Bureau of Provisions and Clothing, 1877. Promoted *Passed Assistant*, September 6, 1878; "Montauk," 1878–81; Nagasaki, Japan, 1881–4; training-ship "Portsmouth," 1885–8; "Adams," Pacific Station, 1889–90; "Mohican," Pacific Station, December, 1890, to February, 1893. Promoted *Paymaster*, September 12, 1891.

James E. Cann.—Born in Nova Scotia. Appointed from Pennsylvania, July 14, 1870; Assistant to Inspector, New York, 1871–2; "Fortune," 1873–4; Paymaster-General's Office, 1875; "Tallapoosa," special service, 1875–8. Promoted to *Passed Assistant*, October 22, 1878; R. S. "Passaic," 1879–82; "Iroquois," Pacific Station, 1882–5; General Storekeeper, Key West, 1886–9; "Kearsarge," N. A. Station, July, 1890, to June, 1893. Promoted to *Paymaster*, September 21, 1891; R. S. "Franklin," June, 1893, to date.

Otis C. Tiffany.—Appointed *Assistant Paymaster*, May 12, 1875; Coast Survey steamer "Blake," 1875; monitors "Passaic," "Montauk," "Wyandotte," 1876; "Frolic," South Atlantic Station, 1877; "Richmond," Asiatic Station, 1878–9; "Alert," Asiatic Station, 1879–81. Promoted to *Passed Assistant Paymaster*, April 3, 1879; receiving-ship, Navy Yard, Washington, D. C., 1882; "Tallapoosa" (ship sunk by collision), 1884; T. S., "Jamestown," 1885–8; receiving-ship "Vermont," 1888–9; U. S. S. "Monocacy," Asiatic Station, 1889–92. Promoted to *Paymaster*, November 19, 1891; Navy Yard, New York, 1892–93; receiving-ship "Vermont," 1893, to date.

John N. Speel.—Born in Pennsylvania. Appointed from Minnesota. "Rio Bravo," July, 1875, to April, 1877; Bureau Provisions and Clothing, June to October, 1877; U. S. S. "Saratoga," October, 1877, to October, 1879; Naval Station, New London, October, 1879, to April, 1880; Bureau Provisions and Clothing, 1880–1; "Kearsarge," 1882–4; Navy Department, 1884–6; Coast Survey, December, 1886, to November, 1889; "Petrel," 1889–91; Navy Yard, League Island, February, 1892, to January, 1893; R. S. "St. Louis," January to September, 1893; Navy Yard, Norfolk, January, 1894.

Reah Frazer.—Born in Pennsylvania. Appointed from Pennsylvania, July 15, 1875; "Intrepid," 1875; "Catskill," N. A. Station, 1876; "Rio Bravo," 1877–9. Promoted *Passed Assistant*, October 27, 1879; Assistant to Paymaster, New York, 1879–80; "Alliance," N. A. Station, 1880–2; "Wachusett," Pacific Station, 1882–5; "Alliance," S. A. Station, 1888–9; "Alliance," Asiatic Station, January, 1890, to July, 1893. Promoted *Paymaster*, January 19, 1892; R. S. "St Louis," September, 1893, to date.

Henry R. Smith.—Born in Bangor, Me. Appointed from Massachusetts; Assistant Navy Pay-Office, Boston, 1876–8; "Despatch," special service, 1878–81; "Tallapoosa," special service, 1881–4; special duty, 1884; member of the Board for the Improvement of the Navy Ration; R. S. "Dale," 1885, "Essex," Asiatic Station, 1886–9; General Storekeeper, Key

West, 1889, to June, 1893. Promoted to *Paymaster*, February 19, 1892; "Concord," Asiatic Station, June, 1893, to date.

Hiram E. Drury.—Born in Massachusetts. Appointed from Massachusetts, September 8, 1876; Assistant Navy Yard, Boston, 1876–8; Naval Hospital, Yokohama, 1878–82; training-ship "Portsmouth," 1882–5; General Storekeeper, Navy Yard, Pensacola, 1886–9; "Ranger," special service, 1889–91; waiting orders, December, 1891, to March, 1892. Promoted *Paymaster*, February 25, 1892; charge of Naval Clothing Factory, New York, March, 1892, to date.

Charles W. Littlefield.—Born in Maine. Appointed from Maine, February 1, 1877; "Palos," Asiatic Station, 1877–80; Assistant to Inspector, Boston, 1880–1; "Ajax" and monitors, 1881–4; training-ship "Saratoga," 1884–6; Naval Station, New London, 1887–9; "Yorktown," Squadron of Evolution, 1889, to October, 1891. Promoted to *Paymaster*, December 25, 1892; R. S "Dale," February, 1892, to date.

Arthur Peterson.—Born in Pennsylvania. Appointed from Pennsylvania, April 13, 1877; Office of Paymaster, League Island, 1877; "Canonicus," N A. Station, 1877–8; "Palos," 1879–83; Inspector and Paymaster, Navy Yard, Pensacola, 1883–6; "Iroquois," Pacific Station, 1887–8; "Monongahela," store-ship, 1888–90; Assistant General Storekeeper, Navy Yards, New York, October, 1890, to July, 1892; "Monocacy," Asiatic Station, July, 1892, to date. Promoted to *Paymaster*, August 15, 1893.

A. K. Michler.—Born in New York. Appointed *Assistant Paymaster*, from District of Columbia, October 31, 1877; Bureau of Provisions and Clothing, 1877–9; Expedition for Determination of Longitudes, 1879–80; training-ship "Portsmouth," 1880–3. Promoted *Passed Assistant Paymaster*, September 1, 1881; "Tallapoosa," S. A. Station, 1885–9; Bureau of Supplies and Accounts, July, 1889, to date. Promoted to *Paymaster*, September 12, 1893.

William W. Galt.—Born in Virginia. Appointed from Virginia, January 25, 1871; receiving-ship "Franklin," 1878–80. Promoted to *Passed Assistant Paymaster*, October 15, 1881; "Despatch," special duty, 1881–4; special duty, Navy Department, 1885–6; "Michigan," Northwestern lakes, 1886–9; "Thetis," special service, February, 1890, to July, 1893; Navy Yard, Norfolk, July, 1893, to date. Promoted to *Paymaster*, September 25, 1893.

PAYMASTERS ON THE RETIRED LIST.

Retired from incapacity resulting from long and faithful service.

George A. Sawyer.—Born in Vermont. Appointed from Vermont. Entered the service as *Assistant Paymaster*, August, 1861; ordered to join sloop-of-war "Marion," blockading in the Gulf of Mexico; served in her till she was put out of commission, in July, 1862; attached to the Potomac Flotilla until October, 1862, when ordered to the double-ender "Port Royal," and sailed again for the West Gulf Squadron; blockaded the rebel steamer "Chattahoochee," in the Appalachicola River, for a year and a day, at the end of which period the "Chattahoochee" exploded her boilers while looking for a boat expedition from the "Port Royal," and was totally destroyed; the "Port Royal" was off Mobile during the winter of 1863–4, and participated in Admiral Farragut's attack on Fort Powell, Mobile Bay. Retired, June, 1869.

F. H. Hinman.—Enlisted in volunteer service, 1st Ohio Vol. Infantry (Co. E), April 16, 1861, and served as private, corporal, and sergeant. Enlisted in volunteer service, 84th Ohio Vol. Infantry (Co. D), May, 1862. Promoted *Second Lieutenant*, June 2, 1862; *First Lieutenant* and *Adjutant*, July, 1862. Appointed *Acting Assistant Paymaster*, U. S. Navy, March 9, 1863. Appointed *Assistant Paymaster*, U. S. Navy, July 2, 1864. Promoted to *Paymaster*, May 4, 1866; served during the war (army), Army of Virginia; served during the war (navy), U. S. S. "Penobscot," North Atlantic and West Gulf Blockading Squadrons; on duty at New Orleans, La., from June, 1866, to December, 1868; attached to U. S. S. "Dictator," N. A. Squadron, 1869 and 1870; attached to U. S. S. "Ticonderoga," S. A. Squadron, January, 1871, to February, 1874; attached to U. S. S. "Michigan," Upper Lakes, September, 1874, to September, 1877; attached to U. S. S. "Lackawanna," Pacific Station, September, 1878, to November, 1881; on duty at Portsmouth, N. H., Navy Yard, from September, 1882, to June, 1886; attached to U. S. S. "Vandalia," Pacific Station, July, 1886, to May, 1887; on duty at Norfolk, Va., Navy Yard, from January, 1888, to July, 1888. Retired, April, 1889.

Charles P. Thompson.—Born in Virginia. Appointed, January 19, 1865, as an *Acting Assistant Paymaster*. Appointed an *Assistant Paymaster*, from New York, March 3, 1865; special duty, Navy Department, 1865–8. Commissioned as *Paymaster*, August 1, 1866; attached to steam-sloop "Plymouth," European Squadron, 1869–72; Bureau of Provisions, 1872–4; "Congress," European Squadron, 1874–6; Bureau of Provisions, 1876–84; "Lancaster," European and South Atlantic Stations, 1884–7; "Trenton," South Atlantic Station, 1887; Bureau of Provisions, 1888–9; waiting orders, November, 1889, to January, 1890; Bureau of Provisions and Clothing, January, 1890, to date of retirement, February 24, 1892.

John R. Carmody.—Born in Mohawk, N. Y. Enlisted as landsman, July, 1862, "North Carolina." Appointed *Paymaster's Writer and Clerk;* "Com Morris," North Atlantic Squadron, in operations and blockade on James and York Rivers. Resigned, February, 1863. Appointed *Acting Assistant Paymaster*, August 27, 1864; "Cincinnati," Mississippi and West Gulf Squadrons; in operations and engagements on Tennessee and Cumberland Rivers, with Hood's forces, December, 1864; at siege and capture of Mobile, and final surrender of Confederate fleet on Tombigbee River, April, 1865; "Fearnot," Gulf Squadron, 1865–6. Commissioned *Assistant Paymaster* in regular service, July 23, 1866; "Chocura," Gulf Squadron, 1866–7; "Yantic," West Indies, 1868–9. Promoted to *Passed Assistant Paymaster*, June 5, 1868; store-ship "Relief," special cruise to Europe, 1871; Naval Station, New London, 1872–3; Naval Station, New Orleans, 1873–4; "Monocacy," Asiatic Fleet, 1874–6; in charge naval stores, Honolulu, Sandwich Islands, 1877–9. Promoted to *Paymaster*, October 22, 1878; receiving-ship "Independence," Mare Island, Cal., 1879–82; special duty (Secretary and Treasurer Navy Mutual Aid Association), Bureau Navigation, 1883–6; "Vandalia," Pacific Fleet, 1886; special duty, Assistant to Paymaster-General, Navy Department, 1886–7; "Galena," North Atlantic Fleet, 1887–8. Retired, April 9, 1889, on account of physical disability, contracted in the line of duty.

John F. Tarbell.—Born in Massachusetts. Appointed *Acting Assistant Paymaster*, January 28, 1862; served on board steamer "Kensington," in West Gulf Squadron, 1862–4; steamer "Neptune," West India Squadron, 1864–5. Commissioned as *Assistant Paymaster*, February 21, 1867; "Mar-

blehead," N. A. Station, 1867–9. Promoted to *Passed Assistant Paymaster*' September 16, 1868; "Wasp," S. A. Station, 1869–72; Torpedo Station' 1874–6; "Gettysburg," special service, 1876–8. Commissioned as *Paymaster*, April 3, 1879; "Gettysburg," special service, 1878–80; Navy Yard, Portsmouth, N. H, 1881–2; Navy Yard, Boston, Mass., 1882; "Juniata," Asiatic Station, 1885–7; Navy Yard, Boston, Mass., 1887; receiving-ship "Wabash," 1888–90; sick leave, June, 1890, until date of retirement, February 18, 1892.

Jonathan Q. Barton.—Born in Maine. Appointed *Acting Assistant Paymaster*, January 30, 1864; U. S. S. "Relief," East Indies, 1864–6. Commissioned as *Assistant Paymaster*, March 2, 1867; U. S. S. "Saco," North Atlantic Station, 1867–8; U. S. S. "Nipsic," Darien Expedition, 1870–2. Promoted to *Passed Assistant Paymaster*, February 10, 1870; U. S. receiving-ship "Relief," Washington Navy Yard, 1873–4; leave of absence (in service of Japanese Government), 1874–7; member of Board of Inspection, 1878–9; U. S. S. "Nipsic," European Station, 1879–83. Commissioned as *Paymaster*, May 29, 1882; Bureau of Provisions and Clothing, Navy Department, 1883–5; Navy Yard, Mare Island, 1886–9; U. S. S. "Pensacola," North Atlantic Station, 1889–90; Navy Yard, New York, December, 1890, to October, 1891; "Miantonomah," N. A. Station, October, 1891, to November, 1892. Retired, August, 1893.

Retired for disability proceeding from other causes not incident to the service.

Robert Burton Rodney.—Appointed from Delaware. *Acting Assistant Paymaster*, United States Navy, October 25, 1862; ordnance-ship "Dale," Key West, 1862–3; blockader "J. S. Chambers," East Gulf, 1863–4; supply-steamer "Massachusetts," 1864–5; double-ender "Conemaugh," 1865–6; training-frigates "Constitution" and "Santee," Annapolis, 1867; store-ship "Cyane," Panama Bay, 1868–9; iron-clad "Terror," Cuban waters, 1870–1. Placed on retired-list, 1871. In August and September, 1864, was on the "J. S. Chambers," when that gunboat was stricken by the yellow fever with greater virulence and rate of mortality than ever were known on any other ship of the navy. While moored off Indian River Inlet, Fla., almost all the ship's complement of seventy lay sick simultaneously; and the deaths were about one-fourth of the crew and one-half of the officers and including commander. The only medical officer became violently deranged, and had to be kept bound. Rodney, in addition to his personally-performed duties in charge of provisions, clothing, etc. (both his clerk and steward being among the dead), served as watch-officer, chaplain and nurse; was the last to take the disease, nearly dying therewith at the Philadelphia Lazaretto, to which the ship at length managed to return. His frame never altogether renewed its former exuberant vigor. July 23, 1866, was one of the few selected (from some 400 Acting Assistant Paymasters) as especially meriting promotion to the regular navy, and that at the advanced grade of *Passed Assistant*. Again promoted to *Paymaster*, having the relative rank of Lieutenant-Commander, June 30, 1869. Author of "Alboin and Rosamond," and lesser poems, and "Pay-day at Babel." His family's name borne on the rolls of former United States Senate and House, Attorney-Generals United States, and Governors of Delaware; the Declaration of Independence, and English naval history and peerage.

PASSED ASSISTANT PAYMASTERS ON THE ACTIVE LIST.

With the relative rank of Lieutenant.

John R. Martin.—Born in Strasburg, Pennsylvania. Appointed *Assistant Paymaster*, from Ohio, June, 1878; Bureau of Provisions and Clothing, 1878; U. S. steamer "Rio Bravo," on the Rio Grande, 1879–80; U. S. practice-ship "Dale," 1881; U. S. steamer "Alert," Asiatic Station, 1881–2; Navy Yard, New York, 1882–3; temporarily in charge Inspection of Provisions and Clothing, 1883; charge of stores at Rio de Janeiro. 1884; U. S. steamer "Alliance," N. Atlantic and S. Atlantic Stations, 1885–8; detailed as commissary ashore at Aspinwall, in Colombian Revolution, in summer of 1885; U. S. steamer "Galena," N. A. Station, 1888–90 Promoted to *Passed Assistant Paymaster*, January, 1882; "Yorktown," Pacific Station, October, 1891, to date.

Charles M. Ray.—Born in District of Columbia. Appointed from District of Columbia, March 3, 1879; Bureau of Provisions, 1879–80; "Yantic," N. A. Station, 1880–3; special duty, N O. Exposition, 1884–5; "Ranger," N. Pacific Station, 1886–9. Promoted to *Passed Assistant Paymaster*, April 21, 1862; Bureau of Provisions and Clothing, 1889–91; Naval Hospital, Yokohama, Japan, May, 1891, to date.

Mitchell C. McDonald.—Born in Pennsylvania. Appointed from Pennsylvania, March 3, 1879; "Ranger," N. Pacific, 1883–5; Assistant Navy Pay-Office, San Francisco, 1886–7; Assistant to Government Storekeeper, Naval Academy, 1887–8; Naval Hospital, Yokohama, 1888–91. Promoted to *Passed Assistant Paymaster*, May 29, 1882; "Adams," Pacific Station, March, 1892, to date.

Eustace B. Rogers.—Born in California. Appointed from California, March 3, 1879; Navy Department, Bureau of Provisions and Clothing, 1879; "Tennessee," N. A. Station, 1879–81; Navy Yard, Boston, 1882; Naval Academy, practice-ship "Dale," 1883-4; Naval Hospital, Yokohama, Japan, 1885–7; Navy Yard, Boston, 1888; "Kearsarge," 1888–90. Promoted to *Passed Assistant Paymaster*, November 2, 1884; Bureau of Supplies and Accounts, November, 1891, to date.

John Corwine.—Born in Ohio. Appointed from Ohio, March 3, 1879; "Onward," store-ship, 1879–82; "Ranger," N. Pacific, 1882–4; "Monocacy," Asiatic Station, 1884; iron-clads, City Point, Va., 1886–7; "Nipsic," 1887–91. Promoted *Passed Assistant*, November 21, 1885; training-ship "Richmond," March, 1891, to date.

Leeds C. Kerr.—Born in Baltimore, Md., July 21, 1855. Appointed from Maryland, June 16, 1880; Bureau of Provision and Clothing, 1880; "Wyoming," North Atlantic Station, 1881–2; "Pawnee," store-ship North Atlantic Station, at Port Royal, S. C., 1883–4; "Dolphin," special duty, 1884–5; Navy Yard, New York, Assistant to Inspector of Provisions and Clothing, 1885; "Dolphin," special duty, North Atlantic and Pacific Stations, 1885–8. Promoted *Passed Assistant Paymaster*, February 25, 1887; Naval Home, Philadelphia, Pa., 1889; Naval Station, New London, Conn., 1889; "Yantic," North Atlantic Station, 1889–91; "Alert," Asiatic Station, February, 1892, to October, 1893; R. S. "Independence," October, 1893, to date.

R. T. Mason Ball.—Born in Virginia, and appointed *Assistant Paymater*, June 16, 1880; U. S. R. S. "Colorado," 1880–1; "Mayflower,"

practice cruise from Naval Academy, summer of 1881; Monitor Fleet, January, 1882, to January, 1884; U. S. S. "Nantucket," June, 1884, special duty; January, 1885, Naval Station, Key West; U. S. S. "Yantic," October 1, 1886, left her October 1, 1889. Promoted to *Passed Assistant Paymaster*, June 19, 1888; ordered to Naval Station, New London, October, 1889, and detached February, 1891, with orders to duty on the Asiatic Station; attached to U. S. S. "Palos," until her sale, and then to the U. S. S. "Petrel."

ENGINEER CORPS.

CHIEF ENGINEERS ON THE ACTIVE LIST.

With relative rank of Captain.

Alexander Henderson.—Born in District of Columbia. Appointed from Virginia, February 26, 1851. Entered the service as *Third Assistant Engineer;* steam-frigate "Susquehanna," East Indian Squadron, 1852–5. Promoted to *Second Assistant Engineer*, May 21, 1853; office of Engineer-in-Chief, 1856; steam-frigate "Susquehanna," Mediterranean Squadron, 1857–8. Promoted to *First Assistant Engineer*, May 9, 1857; steamer "Southern Star," Brazil Squadron and Paraguay Expedition, 1858; steam-sloop "Iroquois," Mediterranean Squadron, 1859–60. Promoted to *Chief Engineer*, June 28, 1861; special service, 1861; steam-sloop "Adirondack," Blockading Squadron, 1862; special duty, Newburg, N. Y., 1863; iron-clad "Onondaga," North Atlantic Blockading Squadron, 1864–5; special duty, Navy Yard, Washington, 1866; Navy Yard, Boston, 1867–8; special duty, 1869; Fleet-Engineer, Asiatic Fleet, 1869–72; Navy Yard, New York, 1873–8; special duty, 1877–9; Fleet-Engineer, European Station, 1879–81; special duty, Washington, 1882–4; member of Advisory Board, 1884–8; Navy Yard, Boston, 1889–93; leave of absence, July, 1893 to October, 1893; Continental Iron Works Brooklyn, October, 1893, to date.

John W. Moore.—Born in New York. Appointed from New York, May 21, 1853; entered the service as *Third Assistant Engineer;* duty in office of Engineer-in-Chief, Navy Department, Washington, 1853; steam-frigate "Saranac," Mediterranean Squadron, 1853–6. Promoted to *Second Assistant Engineer*, June 27, 1855; steam-frigate "Niagara," Atlantic Cable Expedition, 1857; steam-frigates "Colorado" and "Roanoke," Home Squadron, 1858–60. Promoted to *First Assistant Engineer*, July 21, 1858; steam-sloop "Richmond," Mediterranean Squadron, 1860–1; West Gulf Blockading Squadron, 1861–3 Promoted to *Chief Engineer*, August 5, 1861; participated in engagement at head of passes of Mississippi River with rebel batteries and ram "Manassas," October 12, 1861; attack on rebel defences at Pensacola, November 22, 1861; Forts Jackson and St. Philip, April 24, 1862; capture of New Orleans, April 25, 1862; passage of Vicksburg batteries, June 27, 1862; passage of Vicksburg batteries and rebel ram "Arkansas," July 15, 1862; Port Hudson, March 15, 1863; capture of Port Hudson, July 8, 1863; was the originator of the plan adopted by the vessels composing Farragut's Fleet for protecting the sides of the ships with their

chain cable, and also of covering the ships with a paint composed of the mud of the Mississippi River, to screen them from view, both of which devices were afterwards used, the cable by the "Kearsarge" in her memorable fight with the "Alabama," and the painting of the ships that color by general order of the Navy Department; when the "Richmond" returned North for repairs, in August, 1863, was detached and assigned duty in New York, under Admiral Gregory, superintendent iron-clads, in Philadelphia; as member of Board of Examiners, and afterwards at Boston to superintend government work building at Atlantic and other works in that vicinity; May 15, 1867, ordered to frigate "Franklin," as Fleet-Engineer on staff of Admiral Farragut; detached, December 21, 1868, and ordered Board duty New York Yard; to Navy Yard Portsmouth, New Hampshire; member of Board of which Admiral Goldsborough was President, for examination into condition of all vessels at different Navy Yards, after which returned to duty at Kittery Navy Yard; September 3, 1872, was ordered to "Hartford" as Fleet-Engineer of Asiatic Station; detached, December 19, 1875, and ordered as Chief Engineer of the Washington Navy Yard, February 8, 1876–9; member Board of inspection, 1879–82; "Hartford," Pacific Station, 1882–4; special duty, Navy Yard, New York, 1886–8; Navy Yard, Mare Island, 1888–93; Inspector Machinery for new cruisers, May, 1893, to date.

Thomas Williamson.—Born in North Carolina. Appointed from Virginia, May 24, 1853. Entered the service as *Third Assistant Engineer;* steam-frigate "Saranac," Mediterranean Squadron, 1853–6. Promoted to *Second Assistant Engineer,* June 22, 1855; special duty, connected with steam-frigate "Powhatan," 1857; steam-frigate "Wabash," flag-ship, Home Squadron, 1858–9. Promoted to *First Assistant Engineer,* 1859; steam-sloop "Lancaster," Pacific Squadron, 1859–61. Promoted to *Chief Engineer,* September 21, 1861; special duty "Mystic," Connecticut, 1862–3; steam-sloop "Hartford," flag-ship, West Gulf Blockading Squadron, 1863–4; special duty, New York, 1865–7; Naval Academy, 1868–9; Fleet-Engineer, North Atlantic Fleet, 1870–1; Navy Yard, Portsmouth, New Hampshire, 1872–4; Fleet-Engineer, South Atlantic Station, 1874–6; charge of stores, Portsmouth, New Hampshire, 1877–8; Fleet-Engineer, North Atlantic Station, 1879–81; Navy Yard, Norfolk, 1881–5; Fleet Engineer, Pacific Station, 1885–7; Superintendent State, War and Navy Department Building, 1887, to date.

George F. Kutz.—Born in Pennsylvania. Appointed from Pennsylvania, June 26, 1856; entered the service as *Third Assistant Engineer;* "Niagara," Atlantic Cable Expedition, in 1857–8; steamer "Atlanta," Brazil Squadron and Paraguay Expedition, 1859. Promoted to *First Assistant Engineer,* 1859; steamer "Saginaw," East India Squadron, 1860–1. Promoted to *Chief Engineer,* November 10, 1861; steam-sloop "Pawnee," South Atlantic Blockading Squadron, 1862; steam-sloop "Monongahela," West Gulf Blockading Squadron, 1863–5; steam-sloop "Ticonderoga," European Squadron, 1866–9; Inspector of Machinery Afloat, League Island, 1869–72; "Benicia," North Pacific Station, 1872–5; Naval Rendezvous, San Francisco, 1875–7; charge of stores, Mare Island, Cal., 1877–80; Fleet-Engineer, Pacific Station, 1881–3; Navy Yard, Mare Island, 1883–8; Inspector of Machinery, new cruisers, 1889 to May, 1893; Navy Yard, Mare Island, May, 1893, to date

Andrew J. Kiersted.—Born in Virginia. Matthews County, December 25, 1832. Admitted into the Engineer Corps, U. S. N., as *Third Assistant*

Engineer, from Maryland, June 26, 1856; was ordered to the "Minnesota," at Washington, D. C., July 14, 1856; "Minnesota" went to Philadelphia, Pa.; was retained on duty on board of her until May 4, 1857; detached that day and reordered to same ship for duty, the ship having been selected to take Hon. William B. Reed to China, as Minister, etc., to negotiate a treaty; the minister resided on board the ship during his mission to China; landed the minister at Bombay, India. On outward voyage, encountered typhoon in China Sea, etc.; was detached from the "Minnesota," on May 4, 1859, at Boston; was warranted *First Assistant Engineer*, on August 2, 1859; first promotion, October 13, 1859; ordered to the "Mohican," at Portsmouth, N. H.; "Mohican" served on West Coast of Africa, and captured the ship "Erin," of New York, filled with Africans bound to Cuba to be sold as slaves; was detached from the "Mohican," September 30, 1861, at Boston, and ordered to Philadelphia for examination for promotion; passed successfully. Appointed as *Chief Engineer*, October 21, 1861; ordered to the "Tuscarora," at Philadelphia, October 23, 1861; ship went to England, Southampton, to look after the "Nashville;" then to Gibraltar, to look after the "Sumter;" to the Madeiras, Azores, etc., and to England again to look after the "290-Alabama;" "Tuscarora" returned to Philadelphia in April, 1863; ordered to blockade duty off Cape Fear River, N. C., October, 1863; to Baltimore for repairs in May, 1864; returned to Cape Fear River, November, 1864; in Fort Fisher fights of December, 1864, and January, 1865; after capture of Fort Fisher, went to Charleston, S. C., and towed a monitor to Cape Fear River, N. C.; returned to Charleston, S. C.; was ordered to raise an iron-clad which was sunk in the river above Charleston; succeeded; fixed up machinery of iron-clad, and she was sent to Norfolk, Va.; detached from the "Tuscarora," at Boston, on June 7, 1865; ordered to the Port Richmond Iron-Works, and the Penn Works, Philadelphia, Pa., as Inspector of Machinery building there, on September 12, 1865; detached from Port Richmond Iron-Works and Penn Works, Philadelphia, Pa., on July 17, 1868; ordered to the "Ossipee," at San Francisco, Cal., on June 2, 1869; detached from the "Ossipee," at New York, on November 30, 1872; member of Board to Examine Midshipmen for Promotion, at Annapolis, Md., from March 18, till April 16, 1873; ordered to Norfolk, Va., as Inspector of Machinery Afloat, on August 28, 1873; detached from Norfolk, Va., as Inspector Afloat and ordered to Philadelphia, Pa., in charge of engineers' stores, on September 25, 1873; detached from Philadelphia, Pa., and ordered to the "Franklin," at Boston, on November 20, 1873, Cuban war; detached from the "Franklin," at Boston, on December 17, 1873; ordered to Philadelphia, Pa., in charge of engineers' stores, on December 29, 1873; ordered President of Examining Board of Engineers, at Philadelphia, Pa., on February 8, 1875; additional duty; detached from duty in charge of stores at Philadelphia, Pa., on May 20, 1875; the Examining Board ordered from Philadelphia to New York, on November 30, 1875; detached from the Examining Board of Engineers, at New York, and ordered to the "Vandalia," at Boston, on December 27, 1875, North Atlantic Squadron; detached from the "Vandalia," at New York, and ordered to the "Hartford," at Philadelphia, Pa., on August 16, 1876; Fleet-Engineer, North Atlantic Squadron; detached from the "Hartford," off Fort Monroe, Va., and from fleet duty, and ordered to Boston, in charge of engineers' stores, on March 20, 1877; also to inspect steam boilers building at the South Boston Iron-Works, additional duty; detached from duty at Boston, on May 11, 1877; from October 10 to 25, 1877, member of a board for steam trial of the

"Quinnebaug," at Philadelphia, Pa.; from January 2 to 30, 1878, member of the Board for Examining Midshipmen for Promotion, at Annapolis, Md.; from February 4, to March 4, 1878, member of a board for steam trial of the "Quinnebaug," at Philadelphia, Pa.; from April 18 to November 19, 1878, member of the Board of Examination for Engineers at Philadelphia, Pa.; ordered to the "Vandalia," at Chester, Pa., on July 21, 1879, North Atlantic Squadron, towed a section of an iron-lifting dock to Pensacola, Fla.; detached from the "Vandalia," and ordered to the "Tennessee," at New York, on September 19, 1881; Fleet-Engineer, North Atlantic Squadron; detached from the "Tennessee," August 7, 1882; and ordered to Milford, Conn., to witness trial of Lay torpedo-boat, and make a report to the Navy Department on February 21, 1884; ordered to Navy Yard, League Island, Philadelphia, Pa., head of Department of Steam-Engineering, on May 27, 1884; was connected with the steam trials of the "Dolphin," at New York, and May 9 to June 9, 1885, additional duty; Navy Yard, League Island, Philadelphia, Pa., on January 21, 1887; detached from Navy Yard, League Island, Philadelphia, Pa., on May 31, 1888, and ordered to the "Trenton," at Callao, Peru, on June 19, 1888, Pacific Squadron, Fleet-Engineer; the "Trenton" was cast away at Apia, Samoa, on March 16, 1889, eastern time, and abandoned; volunteered to assist work the "Nipsic" to Auckland, N. Z., on April 15, 1889; the "Nipsic" was brought to Honolulu, S. I.: was repaired there under personal supervision, and remains attached to the fleet doing duty; detached from the fleet at Honolulu, S. I., and ordered to San Francisco, Cal., on October 12, 1889; ordered from San Francisco, Cal., to Philadelphia, Pa., on November 12, 1889; and ordered to the Southwark Foundry and Machine Company, Philadelphia, Pa., on December 11, 1889, as Inspector of Machinery being manufactured there; July 3, 1893, ordered to Navy Yard, Portsmouth, to date.

William W. Dungan.—Born in Maryland. Appointed from Maryland, June 26, 1856; entered the service as *Third Assistant Engineer;* attached to steam-frigate "Powhatan," East India Squadron, 1858–60. Promoted to *First Assistant Engineer*, 1860; steam-frigate "Minnesota," 1861; steam-gunboat "Ottawa," South Atlantic Blockading Squadron, 1861–2. Promoted to *Chief Engineer*, February 1, 1861; steam-sloop "Dacotah," North Atlantic Blockading Squadron, 1862–4; special duty, Philadelphia, 1865; steam-sloop "Pensacola," North Pacific Squadron, 1865–7; steam-sloop "Ossipee," North Pacific Squadron, 1867; steam-sloop "Lackawanna," North Pacific Squadron, 1868; special duty, Portsmouth, New Hampshire, 1869; special duty, Washington, 1870; Inspector of Machinery Afloat, Washington, 1871–2; "Powhatan," North Atlantic Station, 1872–5; charge of stores, Philadelphia, 1875–8; training-ship "Minnesota," 1878–81; "Brooklyn," South Atlantic Station, 1881–4; member Board of Examiners, 1884–5; special duty, Chester, 1885–7; Navy Yard, New York, 1888–91; President Experimental Board, New York, September, 1891, to November, 1893; Navy Yard, Norfolk, Va., November, 1893, to date.

Jackson McElmell.—Born in Philadelphia, Pa., June 4, 1834. Appointed a *Third Assistant Engineer* in the Navy, from Pennsylvania, August 2, 1855; attached to Coast Survey steamer "Hetzel," 1856; "Niagara," Atlantic Cable Expedition, in 1857–8. Promoted to *Second Assistant Engineer*, 1858; steamer "Memphis" Brazil Squadron, and Paraguay Expedition, 1858–9 Promoted to *First Assistant Engineer*, in 1860; attached to steam-sloop "Powhatan," West Gulf Squadron, 1860–1; steam-gunboat "Octorara," mortar flotilla, Wilmington, North Carolina, blockade; engagement at Vicks-

burg, June 28, 1862. Promoted to *Chief Engineer*, February 2, 1862; U. S. S. "Richmond," West Gulf Squadron, 1863–5; battle of Mobile Bay, August 5, 1864; special duty, League Island, 1865–8; U. S. S. "Plymouth," European Station, 1869–71; special duty, Chester, Pa., 1872–5; "Powhatan," North Atlantic Squadron, from 1875 to 1878; special duty at League Island Navy Yard, 1879–82; detached from League Island Navy Yard, and ordered to "Tennessee," as Fleet-Engineer of North Atlantic Squadron, August 7, 1882; detached from "Tennessee," December 7, 1882; ordered to "Tennessee" again as Fleet-Engineer, North Atlantic Squadron, December 3, 1884; after which was transferred from the "Tennessee" to the U. S. flag-ship "Richmond," North Atlantic Station; detached from the "Richmond," December 5, 1887; ordered to present duty as President of the Naval Examining Board in session at Philadelphia, March 6, 1888, to date.

James W. Thomson.—Born in Delaware. Appointed from New Jersey, June 26, 1856; entered the service as *Third Assistant Engineer;* attached to steam-frigate "Wabash," Home Squadron, 1857–60. Promoted to *First Assistant Engineer*, 1860; steam-sloop "Dacotah," 1861. Promoted to *Chief Engineer*, February 2, 1862; steam-sloop "Shenandoah," North Atlantic Blockading Squadron, 1862–4; special duty, Philadelphia, 1865; member of Board of Examiners, 1866–9; steam-sloop "Congress," 1870; special duty, 1871; Navy Yard, Philadelphia, 1871–2; "Omaha," South Pacific Fleet, 1873–5; member Board of Inspection, 1875–7; "Alaska," Pacific Station, 1877–81; Board of Examination, 1881–2; Board of Inspection, 1882–5; special duty, 1885–8; "Pensacola," special service, 1888–90; Inspector of Machinery for cruiser "Minneapolis," December, 1890, to date.

B. B. H. Wharton.—Born in Virginia. Appointed from Maryland, November 21, 1857; entered the service as *Third Assistant Engineer;* attached to steamer "Water-Witch," Brazil Squadron and Paraguay Expedition, 1857–9; steam sloop "Saranac," Pacific Squadron, 1859–61. Promoted to *Second Assistant Engineer*, 1859. Promoted to *First Assistant Engineer*, October 16, 1861; steam-gunboat "Mahaska," North Atlantic Blockading Squadron, 1862; iron-clad "Patapsco," South Atlantic Blockading Squadron, 1863; steam-gunboat "Chicopee," North Atlantic Blockading Squadron, 1863–4. Promoted to *Chief Engineer*, November 10, 1863; steam sloop "Lancaster," flag-ship, Pacific Squadron, 1864–7; Inspector, Navy Yard, Boston, 1867–9; steam-sloop "Benicia," Asiatic Fleet, 1870–2; member of Board of Examiners, 1872–5; training-ship "Minnesota," 1875–8; "Enterprise" and "Quinnebaug," European Station, 1879–81; Examining Board, 1881–3; Inspector of Machinery, new cruisers, 1883–7; "Trenton," Pacific Station, 1887–8; special duty, 1888–90; "Baltimore,' special service, 1890; flag-ship 'Lancaster" and Fleet-Engineer, Asiatic Squadron, 1890 to March, 1893; member of Experimental Board, Navy Yard, New York, May, 1893, to date.

Philip Inch.—Born in District of Columbia. Appointed from District of Columbia, November 21, 1857; entered the service as *Third Assistant Engineer;* steam-frigate "Roanoke," Home Squadron, 1858–60. Promoted to *Second Assistant Engineer*, 1860; steam-sloop "Wyoming," East India Squadron, 1861–4. Promoted to *First Assistant Engineer*, July 1, 1861. Promoted to *Chief Engineer*, November 10, 1863; special duty, Providence, Rhode Island, 1865–8; steam-sloop "Mohican," Pacific Fleet, 1869–72; special duty, Hartford, Conn., 1873–5; receiving-ship "Colorado,' 1875–6; "Adams," South Atlantic Station, 1876–8; special duty, Navy Yard, Washington, 1877–81; Fleet-Engineer, Asiatic Station, 1881–4; Bureau of Steam-

Engineering, 1884–5; member Board of Inspection, 1885–9; Vulcan Iron-Works, 1889–90; Fleet-Engineer, Pacific Station, April, 1890, to September, 1892; waiting orders. September, 1892, to January, 1893; Navy Yard, Norfolk, January, 1893, to November, 1893; Navy Yard, Washington, November, 1893, to date.

On steam frigates "Colorado" and "Roanoke." Promoted and ordered to Pensacola Navy Yard, and then to "Seminole," 1858–60; from 1860–1, on the U. S. S. "Pawnee;" was present when first gun was fired on Fort Sumter; saw Anderson surrender; took part in destruction of Norfolk Navy Yard, detailed to destroy guns; Matthias Point when Capt. Ward, U. S. N., was killed; Aquia Creek, under fire of batteries; at landing of Ellsworth, and when killed at Alexandria, Va.; at first battle of Bull Run. Promoted to *First Assistant Engineer*, and ordered to "Wyoming;" in this latter vessel had a fight with Japanese forces at Samora Saki Straits; chased the "Alabama" out of China seas to Cape of Good Hope.

With relative rank of Commander.

William G. Buehler.—Born in Pennsylvania. Appointed *Third Assistant Engineer* in 1857; frigate "Niagara," special service, 1858–9; steamer "Michigan," 1859–60. Promoted to *Second Assistant Engineer*, 1861; and to *First Assistant Engineer*, 1862; steamer "Aroostook," N. A. and W. G. Squadron, 1861–3. Promoted to *Chief Engineer*, 1863; steamer "Galena," West Gulf Squadron, 1863–5; steamer "Suwanee," Pacific Fleet, 1865–7; Naval Rendezvous, Philadelphia, 1868; League Island, 1869–70; "Terror," (iron-clad), N. A. Station, 1870–2; "Franklin," N. A. Station, 1873; "Ticonderoga," N. A. Station, 1874; "Brooklyn," flag-ship, S. A. Station, 1874–5; special duty, New York, 1875–6; President Board of Examiners, 1876–7; "Plymouth," N. A. Station, 1877–80; special duty, Philadelphia, 1880–5; "Pensacola," European Station, 1885–8; member Board of Inspection and Survey, 1888 to October, 1893; member Naval Examining Board, October, 1893, to date.

S. L. P. Ayres.—Born in Connecticut. Entered the service from Connecticut as *Third Assistant Engineer*, July 21, 1858; frigate "Roanoke," flag-ship, Home Squadron, 1858–60; special duty, Navy Yard, New York, 1860–1. Promoted to *Second Assistant Engineer*, January 17, 1861; steamer "Michigan," Lake service, 1861; steam-sloop "Pensacola," West Gulf Squadron, 1861–3; participated in the engagement with the batteries on the passage down the Potomac, the bombardment and passage of Forts Jackson and St. Philip, Chalmette batteries, and the capture of New Orleans. Promoted to *First Assistant Engineer*, April 21, 1863; gunboat "Nipsic," South Atlantic Blockading Squadron, 1863–6; "Juniata," Brazil Station, 1866–7; Navy Yard, Portsmouth, N. H., 1867–70. Promoted to *Chief Engineer*, March 21, 1870; "Shenandoah." European Station, 1870–3; Inspector of Machinery, Navy Yard, Norfolk, Va., 1873–4; member of Examining Board of Engineers 1874–6; "Brooklyn," North Atlantic Station, 1876; "Alliance," European Station, 1877–9; member of Examining Board of Engineers, 1880–4; Inspector of Machinery for the new cruisers, Chester, Pa., 1885; Fleet Engineer, Asiatic Station, 1886–9; senior member of Board of Engineers for trial of cruiser "Baltimore," 1889; member of Board of Examining Engineers, 1889–91; Navy Yard, New York, 1891 to date.

Elijah Laws.—Born in Philadelphia, Pa. In 1858 appointed a *Third Assistant Engineer*, and ordered to the frigate "Saranac," Pacific Squadron.

During the revolution of 1859 at Panama was senior officer of one of the boats' crews sent to protect the foreign interests in that city; 1860, was ordered to the frigate "Powhatan," and sent to Vera Cruz, Mexico, returning to New York early in 1861; April 1 of that year left for Fort Pickens amid great excitement, the "Powhatan" being the first ship sent South to suppress the Rebellion; on sighting the fort all hands were beat to quarters, and was ordered in charge of a battery of howitzers, the intention being to run up to the Navy Yard; afterwards, went in search of the rebel steamer "Sumter;" 1862, ordered to the U. S. S. "Dacotah," and participated in the clearing out of the rebel batteries in the Elizabeth River; then steamed up the James River to protect General McClellan's headquarters and shell out more rebel batteries; 1863, ordered to U. S. S. "Housatonic," and was part of the squadron under Admiral Du Pont that attacked the rebel works in Charleston Harbor; 1864, ordered to the U. S. S. "Itasca," and participated in both attacks on Fort Fisher and its capture, and volunteered for powdership that was blown up in the harbor; 1865, ordered to U. S. S "Chickopee," and visited the sounds and rivers of North and South Carolina, and was then transferred to the "Marblehead," West India Squadron; 1867–8, special duty connected with the "Contocook," "Mosholu," and "Ammonoosuc;" 1869, ordered to the U. S. S. "Galena," and same year transferred to the U. S. S. "Resaca," Pacific Squadron; 1872, special duty at Key West, and on monitor "Terror;" 1873, special duty at Norfolk Navy Yard and on monitor "Terror;" 1874, ordered to iron-clad "Roanoke," and afterwards transferred to U. S. S. "Minnesota;" 1876, duty at Navy Yard, Brooklyn, N. Y.; 1877, ordered to U. S. S. "Enterprise;" surveyed the Mississippi River at New Orleans; then went to Brazil and made a survey of the Amazon and Madeira Rivers; 1879, Navy Yard, Pensacola, Florida; 1884, ordered to U. S. S. "Lackawanna," at Callao, Peru, and, in consequence of yellow fever on board ship, was transferred to U. S. S. "Mohican," Pacific Squadron; 1888, ordered to Navy Yard, League Island, Philadelphia; "Pensacola," S. A. Station, August, 1890, to June, 1892; Iron Works, South Brooklyn, June, 1892, to May, 1893; R. S. "Franklin, May, 1893, to date.

Edward Farmer.—Born in Vermont. Appointed *Third Assistant Engineer*, 1859; Home Squadron, 1859–60. Promoted to *Second Assistant Engineer*, 1861; steamer "Mohican," S. A. S., 1861; gunboat "Kanawha," W. G. S., 1862–4. Promoted to *First Assistant Engineer*, 1863; steamer "Alabama," N. A. S., 1864–5; "Shenandoah," East India Station, 1866–8; Navy Yard, Boston, 1868–71. Promoted to *Chief Engineer*, 1870; "Ticonderoga," S. A. Station, 1871–4; charge of stores, Boston, 1874–7; "Alert," Asiatic Station, 1877–81; Naval Academy, 1881–8; "Chicago," Squadron of Evolution, 1888–91; Navy Yard, Portsmouth, N. H., December, 1891, to July, 1893; Navy Yard, Boston, July, 1893, to date.

Henry W. Fitch.—Native of Massachusetts. May 3, 1859, appointed *Third Assistant Engineer;* May 12, special duty, Boston; September, 1859, to October, 1861, steam-sloop "Narraganset," Pacific Station. October 16, 1861, promoted to *Second Assistant Engineer;* October, 1861, to May, 1864, gunboat "Kennebec" and steam-sloop "Pensacola," W. G. B. Squadron; May 20, 1863, promoted to *First Assistant Engineer;* May, 1864, special duty, Novelty Iron-Works, N. Y.; April, 1865, to May, 1869, steamer "Frolic," European Station; June, 1869, to June, 1871, special duty, Ead's Gun-Carriage, Fort Hamilton, N. Y. March 4, 1871, promoted to *Chief Engineer;* June 1, 1871, one year's leave; May, 1872, to May, 1875, steam-

sloop "Lackawanna," Asiatic Station; June, 1875, Coal Inspector, Philadelphia; September, 1875, member Examining Board, U. S. Naval Engineers, Philadelphia; October, 1877, to August, 1882, special duty, Bureau of Steam-Engineering; July 1 to August 15, 1881, Acting Chief of Bureau; August, 1882, to August, 1885, steam-sloop "Powhatan," North Atlantic Station; September, 1885, member Examining Board, U. S. Naval Engineers, Philadelphia; November, 1886, to March, 1888, President of Board; March, 1888, to October, 1893, special duty, Cramp & Sons, Philadelphia; August, 1888, head of the Department of Steam-Engineering, U. S. Naval Academy; October, 1893, ordered to San Francisco, S. A. Station, his present duty.

Louis J. Allen.—Born in Maryland. Appointed *Third Assistant Engineer*, 1859; steam-sloop "Dacotah," 1858–60. Promoted *Second Assistant Engineer*, 1861; special duty at Novelty and Morgan Iron-Works, 1861; steam-sloop "Adirondack," until wrecked; South Atlantic Station, Senior Engineer of double-ender "Conemaugh;" participated in attacks of forts around Charleston and other places. Promoted to *First Assistant Engineer*, 1863; special duty, New York, 1864; special duty, Baltimore, 1865–6; double-ender "Monocacy," as Senior Engineer, *en route* to China, 1866; left at hospital, Barbadoes, with yellow-fever, 1866; Naval Rendezvous, Philadelphia, 1867; Naval Academy, 1867–8; iron-clad "Dictator," 1869–70. Promoted to *Chief Engineer*, 1871; U. S. sloop "Resaca," Pacific Squadron, 1871–2; Inspector of Machinery Afloat, Mare Island Navy Yard, 1872; steam-sloop "Tuscarora," Pacific Squadron, 1873–4; Navy Yard, Pensacola, 1875–7; steam-sloop "Marion," European, North American, and South American Squadron, 1878–80; waiting orders and temporary duty, New York and Bristol, Rhode Island, 1880 to 1883; receiving-ship "Vermont," 1884; steam-sloop "Quinnebaug," European and African Stations, 1884 to 1887; waiting orders and New York Navy Yard, 1887–8; League Island Navy Yard, 1889–90; "Chicago," S. A. Station, November, 1891, to date.

David Smith.—Born in Scotland. Appointed *Third Assistant Engineer*, 1859; steam-sloop "Lancaster," Pacific Fleet, 1860–4. Promoted to *Second Assistant Engineer*, 1861. Promoted to *First Assistant Engineer*, 1863; "Tallapoosa," N. A. Station, 1865–6; "Wampanoag," second-rate, 1867–8; Bureau of Steam Engineering, 1868–72. Commissioned as *Chief Engineer*, 1871; "Shenandoah," European Station, 1873–4; special duty, 1874–8; "Nipsic," special duty, 1879–83; Navy Yard, Washington, 1884–5; special duty, Chester, Pa., 1885–7; Boston, special service, 1887–9; special duty, New York, 1889–90; member Steel Inspection Board, November, 1890, to November, 1893; "Philadelphia," Pacific Station, November, 1893, to date.

George W. Melville.—It is rare to find high professional ability and the capacity to attend scrupulously to office-work and details combined in the same individual with the daring spirit and dauntless courage which lead to gallant deeds in the face of the most distressing conditions under which men can be placed. The "sound body" enabled the "sound mind" to do such things as Melville has accomplished,—for his life has been one of strange and stirring adventure. Although his name will ever be associated with the "Jeannette" Expedition, he was a volunteer for two other well-known similar ventures to the far North, each of which accomplishes their mission "*tuto, cito, jucunde*,"—owing, in great measure, to the knowledge which he had of the things to be provided,—a complete outfit being the necessary adjunct of success in undertakings of this nature. De Long, in his journals, bears full testimony to his cheerful and steady co-operation during that trying drift

through entirely unknown seas. When the supreme moment came, and with their own resources cut down to the lowest amount, the party had to make for an unknown shore, over a vast extent of ice and water, Melville was equal to the occasion. He commanded one of the three boats engaged in the retreat, and accomplished the feat of bringing that whole boat's-crew out alive,—while the others perished, either in the icy waters of the Arctic or the equally inhospitable waste about the Lena delta. Most men would have thought that they had done enough; but, after a few days of rest to recuperate his forces, he again took his life in his hands and led a party which discovered, far down in that lonely, wintry waste, the bodies of De Long, Dr. Ambler, and their ill-starred companions. One boat, he rightly judged, had been lost during a night of storm, as they were approaching the land. In searching for the other boat's-crew "he fought his perilous and painful way, mile by mile, through the rigors of perpetual winter and floating archipelagoes of ice along the Arctic coast for over five hundred miles, surviving the privations which had been fatal to so many, and persevered until his search was rewarded by the recovery of all the records of the 'Jeannette' Expedition." In the face of obstacles presented by the worst season, he penetrated to the mouth of the Lena in his search, and left no doubt that the unfortunate crew of the third boat had not succeeded in reaching the shore. As it was, he contributed to the geography of the world a new and important chart of that region. It was under his charge that the rude but massive tomb was built which sheltered the poor remains of the lost, "and the rites of Christian burial were performed over these martyrs to science and humanity, where perpetual winter had embalmed them." They were, however, subsequently exhumed by order of the United States government and brought home, to be laid among the dust of their kin, with impressive ceremonies. The Russian government offered every assistance to the officers who accomplished this pious mission, while our own government conferred substantial rewards upon those who had aided Melville in his extremity. For his Arctic services Engineer Melville afterwards received special promotion, with the approbation of the whole navy and of the country at large. Engineer-in-chief Melville was born in New York, of Scottish lineage, on January 10, 1841, and his education was acquired in the public schools, the school of the Christian Brothers, and the Brooklyn Polytechnic School. He entered the navy at the outbreak of the Civil War, and served well and faithfully, both during that trying period and afterwards,—when peace came,—on our own coast, in the West Indies, in Brazil, and on the East India Station; besides duty at navy-yards. He was everywhere a favorite, on account of his cheerful, modest and unostentatious deportment, as well as for the zeal, bravery and endurance which he showed on all occasions which were calculated to bring forth those qualities,—and they are not few, even in the ordinary course of service. Melville was made engineer-in-chief of the navy and chief of the Bureau of Steam-Engineering in August, 1887, and in January, 1892, was recommissioned in the same office, with the entire approbation of the whole navy, as well as that of the great industrial establishments with which he necessarily comes in contact in conducting a vast business. As an instance of his ability to accomplish unusual feats, and his capacity for extraordinary effort, we may mention the fact that in the summer of 1887 he himself prepared the general designs of the machinery of five vessels of the new navy.

Fletcher A. Wilson.—Born in England. Appointed *Third Assistant Engineer*, 1859; "Saranac," Pacific Fleet, 1861. Promoted to *Second As-*

sistant Engineer, 1861; flag-ship "Hartford," West Gulf Squadron, 1861–5; and same ship in East India Squadron, 1865–8; "Richmond," European Fleet, 1868–71. Commissioned as *Chief Engineer*, 1871; "Michigan," fourth-rate, 1872–4; "Swatara," N. A. Station, 1875–7; special duty, Boston, 1877–80; "Vandalia," N. A. Station, 1881–3; Inspector of Machinery, new cruisers, San Francisco, 1887–90; "San Francisco," special service squadron, November, 1890, to October, 1893; Navy Yard, New York, December, 1893, to date.

Robert Potts.—Born in Ireland. Appointed *Third Assistant Engineer*, 1861; frigate "Niagara," N. A. Station, 1861; special duty, New York, 1862; "Montauk," iron-clad, S. A. Station, 1862–3. Promoted to *Second Assistant Engineer*, 1862; steamer "Kansas," N. A. Station, 1864–5. Promoted to *First Assistant Engineer*, 1864; steamer "Chicopee," Atlantic Station, 1866; "Guerriere," S. A. Station, 1868–9; Navy Yard, New York, 1870; "Nipsic," Darien Expedition, 1871–2. Promoted to *Chief Engineer*, 1873; "Alaska," European Station, 1873–5; Inspector of Coal, Philadelphia, 1875–7; special duty, League Island, 1877–9; "Michigan" N. W. Lakes, 1879–82; "Adams," Pacific Station, 1882–4; Inspector of Machinery, new cruiser, Philadelphia, 1885–90; "Baltimore," Pacific Station, February, 1891, to August, 1893; Inspector of Boiler Tubes at New Castle, Del., September, 1893, to date.

Joseph Trilley.—Born in Ireland. Appointed *Third Assistant Engineer*, August, 1860; ordered to the "Pawnee," September, 1860, and joined the Gulf Squadron at Vera Cruz; returned to the United States in December, and at the breaking out of the rebellion, the vessel joined the North Atlantic Blockading Squadron, and took part in the following engagements while attached to her: Fort Sumter, burning of the Norfolk Navy Yard, Aquia Creek, and several other engagements on board, and in boat expedition on the Potomac River; capture of the forts at Hatteras Inlet; capture of the forts at Hilton Head; capture of Fernandina, Fla., besides a number of engagements in Stono Inlet and other places, from Charleston to Fernandina, Fla.; detached from the "Pawnee," ordered home, and promoted to *Second Assistant Engineer*, July, 1862, and ordered to the "Monongahela;" joined the West Gulf Blockading Squadron, and took part in the following engagements: Port Hudson, Donaldsonville, and constant fighting on the river, keeping communication open between New Orleans and Port Hudson; convoyed Bank's expedition to the Rio Grande; capture of the forts on Mobile Bay. Promoted to *First Assistant Engineer*, July, 1864; detached from the "Monongahela," April, 1865; steam trials of the "Algonquin," 1865–6; steam trials of the "Idaho," 1866; Navy Yard, Boston, and Naval Rendezvous, Boston, 1866–8; experimental duty, South Boston, 1868–9; "Seminole," N. A. Station, 1869–70; Navy Yard, Norfolk, 1871; "Shawmut," N. A. Station, 1872–3. Promoted to *Chief Engineer*, 1873, but to take rank from 1871; "Ossipee," N. A. Station, 1873–4; "Vandalia," European and N. A. Stations, 1876–9; receiving-ship "Wabash," 1879–83; flag-ship "Trenton," and as Fleet-Engineer of the Asiatic Station, 1883–6; special duty, New York, 1887; receiving-ship "Wabash," 1887–8; Chief Engineer of the Navy Yard, Portsmouth, N. H., 1888–91; Inspector of Machinery of "Monterey," December, 1891, to February, 1893; "Monterey," Pacific Station, February, 1893, to date.

E. J. Whittaker.—Born in Massachusetts. Appointed *Third Assistant Engineer*, 1861; frigate "Minnesota," N. A. Station, 1861. Promoted to *Second Assistant Engineer*, 1862; "Lackawanna," West Gulf Squadron,

1863–4; steamer "Pontoosuc," N. A. Squadron, 1864–5. Promoted to *First Assistant Engineer*, 1864; special duty, Boston, 1866; steamer "Unadilla," Asiatic Squadron, 1866–7; "Monocacy," Asiatic Station, 1867–70; "Severn," N. A. Squadron, 1871–2; Navy Yard, Boston, 1872; "Kearsarge," Asiatic Station, 1873–5. Promoted to *Chief Engineer*, 1873; special duty, Boston, 1875–6; special duty, New York Navy Yard, 1877–8; "Adams," Pacific Station, 1878–81; special duty, Portsmouth, 1882–4; "Wachusett," Pacific Station, 1884–5; "Adams," Pacific Station, 1885–7; R. S. "Vermont," 1888–90; "Philadelphia," N. A. Station, August, 1890, to January, 1893; member Board of Inspection, Navy Yard, New York, December, 1893, to date.

P. A. Rearick.—Born in Maryland. Appointed *Third Assistant Engineer*, 1860; steamer "Crusader," North Atlantic Squadron, 1861; "Housatonic," West Gulf Squadron, 1862, and South Atlantic Station, 1863. Promoted to *Second Assistant Engineer*, 1863; "Britannia," North Atlantic Station, 1864. Promoted to *First Assistant Engineer*, 1864; iron-clad "Dictator," North Atlantic Station, 1865; special duty, Washington, 1866; flagship "Powhatan," Pacific Squadron, 1867–9; "Saco," European Fleet, 1870–2; Navy Yard, Washington, 1873; "Colorado," North Atlantic Station, 1873–4. Promoted to *Chief Engineer*, 1874; "Ossipee," North Atlantic Station, 1875–6, "Essex," North Atlantic Station, 1877, and South Atlantic Station, 1878–81; R. S. "Franklin," 1881–2; "Juniata," Asiatic Station, 1882–6; charge of stores, Navy Yard, Norfolk, 1886–9; "Iroquois," Pacific Station, 1889–92; Inspector of Machinery of the "Texas," August, 1892, to November, 1893; member Steel Inspection Board, November, 1893, to date.

A. H. Able.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1861; steamer "Water-Witch," S. A. Station, 1861; gunboat "Tioga," West India Station, 1862–3. Promoted to *Second Assistant Engineer*, 1862; "Pensacola," W. G. S., 1863–4. Promoted to *First Assistant Engineer*, 1864; "Powhatan," N. A. Station, 1864–5; special duty on board "Chattanooga," 1866; "Plymouth," European Station, 1868–70; "Terror," iron-clad, N. A. Station, 1871; Navy Yard, 1872–4. Promoted to *Chief Engineer*, 1874; "Alert," Asiatic Station, 1875–8; rendezvous duty, 1879–81; Naval Rendezvous, Philadelphia, 1881–3; "Shenandoah," Pacific Station, 1884–7; Inspector of Machinery, new cruisers, Philadelphia, 1887–9; "Baltimore," special service, 1890; Inspector Machinery of the "Newark," 1890, to February, 1891; "Newark," special service, February, 1891, to August, 1893; Navy Yard, League Island, September, 1893, to date.

William S. Smith.—Born in Maryland. Appointed *Third Assistant Engineer*, 1861; "Colorado," N. A. Station, 1861; special duty on "New Ironsides," 1862-3. Promoted to *Second Assistant Engineer*, 1863; "Powhatan," West India Squadron, 1864–5. Promoted to *First Assistant Engineer*, 1864; "Yantic," Atlantic Fleet, 1866; Navy Yard, Norfolk, 1867–9; "Nipsic," Darien Expedition, 1869–70; Navy Yard, Norfolk, 1871; "Monocacy," Asiatic Fleet, 1871–3; Navy Yard, Washington, 1873–6. Promoted to *Chief Engineer*, 1875; "Ossipee," N. A. Station, 1877–8; Naval Examining Board, 1879–81; special duty, Navy Yard, Washington, 1881–2; "Kearsarge," European Station, 1882–5; Inspector Machinery, new cruisers, San Francisco, 1887–9; "Charleston," special service, 1889–90; "Lancaster," Asiatic Station, April, 1891, to date.

Isaac R. McNary.—Born in New York. Appointed *Third Assistant Engineer*, 1861; "Colorado," N. A. S., 1861; steam-sloop "Housatonic,"

S. A. S., 1862–63. Promoted to *Second Assistant Engineer*, 1863; "Nantucket" (iron-clad), S. A. Fleet, 1863–5. Promoted to *First Assistant Engineer*, 1865; "Monongahela," W. G. Squadron, 1865–6; and same ship, W. I. Station, 1866–8; "Benicia." Asiatic Station, 1869–71; "Monocacy" and "Ashuelot," same station, 1871–2; Navy Yard, New York, 1873–4; "Michigan," on the lakes, 1874; "Ajax" (iron-clad), N. A. S., 1875–7; Examining Board, Washington, 1877–9. Promoted to *Chief Engineer*, November 14, 1878; "Kearsarge," N. A. Station, 1879–82; training-ship "Minnesota," 1882–4; special duty, 1884–6; "Atlanta," special service, 1886–7; "Juniata," Pacific Station, 1887–9; special duty connected with monitors, 1889–90; Navy Yard, Portsmouth, N. H., 1890, to September, 1892; Member Experimental Board, New York, September, 1892, to June, 1893; "Philadelphia," Pacific Station, June, 1893, to November, 1893; Navy Yard, Mare Island, November, 1893, to date.

With relative rank of Lieutenant-Commander.

Alfred Adamson.—Born in New York. Entered the Navy as *Third Assistant Engineer*, May 13, 1861. Promoted to *Second Assistant Engineer*, December 17, 1862; joined the "Pawnee" about June 5, 1861, and participated in numerous actions on the Potomac River during the summer of 1861; also at the capture of Hatteras Inlet and Port Royal, besides a number of engagements at Stono Inlet, South Carolina, and other places on the coast, from Charleston, South Carolina, to Fernandina, Florida; was engineer in charge of the ship from January 1, 1862, until ordered to the "Montauk," in August, 1864, also as engineer in charge; was in numerous actions in Charleston harbor, in the "Montauk," brought on usually by the attempt of blockade-runners to enter the port. On the capture of Fort Fisher the "Montauk" was ordered to the Cape Fear River, and assisted in the capture of Fort Strong and other fortifications on that river; on the capture of Wilmington, the "Montauk" was ordered to Washington, where he was detached, March 29, 1865. Promoted to *First Assistant Engineer*, January 1, 1865; on waiting orders until September, 1865, when he was ordered to the European Squadron in the "Ticonderoga;" returned in the "Franklin," November, 1868; waiting orders from that time until January 1, 1869, when he was ordered to the Philadelphia Navy Yard; detached, February, 1871, and on waiting orders until April, 1872, when ordered to the Pacific Squadron in the "Tuscarora;" detached on arriving at San Francisco, in September, 1873, and ordered to the "Monocacy," in the Asiatic Squadron; ordered home in May, 1875, and on waiting orders until October 12, of the same year, when he was ordered to duty at League Island; detached from League Island October 10, 1878. Promoted to *Chief Engineer*, May 17, 1879; "Swatara," Asiatic Station, 1879–82; "Iroquois," Pacific Station, 1885–8; receiving-ship "Wabash," 1888–91; "Yorktown," Pacific Station, September, 1891, to October, 1892; "Miantonomah," N. A. Station, August, 1893, to date.

George J. Burnap.—Born in New Hampshire. Appointed *Third Assistant Engineer* in 1861; "Roanoke," N. A. Station, 1861; steam-gunboat "Cimerone," N. A. Station, 1861–3 Promoted to *Second Assistant Engineer*, 1863; steam-gunboat "Aroostook," W. G. S., 1863–4; "Quaker City," W. G. S., 1864–5. Promoted to *First Assistant Engineer*, 1865; Naval Academy, 1867–8; "Miantonomah" (iron-clad), special cruise, 1869–70; iron-clad duty, New Orleans, 1871–2; "Ashuelot," Asiatic Station, 1872–5; training-ship "Monongahela," 1876–7; special duty, Chester, Pa., 1877–9. Promoted to *Chief Engineer*, November 1, 1879; "Alliance," N. A. Station,

1879–83; special duty, Navy Yard, Portsmouth, 1884–6; "Vandalia," Pacific Station, 1886–9; special duty, Navy Yard, Mare Island, 1889, to date.

Cipriano Andrade—Born in Mexico. Appointed *Third Assistant Engineer*, 1861; steam-sloop "Lancaster," Pacific Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; steam-gunboat "Pontiac," North Atlantic Station, 1863–5. Promoted to *First Assistant Engineer* in 1865; steam-sloop "Tuscarora," Pacific Squadron, 1866–8; "Saugus" (iron-clad), North Atlantic Station, 1869–70; League Island, 1871–2; Navy Yard, Mare Island, 1873–4; "Tuscarora," Pacific Fleet, 1875–6; special duty, 1876–9; "Ashuelot," Asiatic Station, 1880–1. Promoted to *Chief Engineer*, September 11, 1881; special duty, Philadelphia, 1882–4; "Yantic," North Atlantic Station, 1884–5; "Swatara," North Atlantic Station, 1885–7; Inspector Machinery, new cruisers, Philadelphia, 1887–9; "Yorktown," Squadron of Evolution, 1888–91; Inspector Machinery of Cruiser No. 12, September, 1891, to date.

Gilbert M. L. Maccarty.—Born in Massachusetts. Appointed *Third Assistant Engineer* in 1861; steam-sloop "Narraganset," Pacific Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; special duty, New York, 1865–6. Promoted to *First Assistant Engineer*, 1865; "Saco," North Atlantic Fleet, 1867–8; special duty, Norfolk, 1869–70; "Tennessee," special service, 1871; "Mahopac" (iron-clad), North Atlantic Fleet, 1872; special duty, Chester, 1873; South Atlantic Station, 1873–4; "Canonicus" (iron-clad), North Atlantic Station, 1874–7; Navy Yard, Boston, 1877–80. Promoted to *Chief Engineer*, September 16, 1881; "Wyoming," North Atlantic Station, 1881–2; "Iroquois," Pacific Station, 1882–5.; Navy Yard, Portsmouth, 1886–9; "Omaha," Asiatic Station, 1889–91; Inspector of Machinery, 1891–2; special duty, Thurlow, Pa., 1892, to date.

Albert W. Morley.—Born in Hartford, Connecticut. Appointed *Third Assistant Engineer*, July 1, 1861; U. S. S. "Richmond," West Gulf Squadron, July 1, 1861, to July 2, 1863. Promoted to *Second Assistant Engineer*, December 2, 1862; U. S. S. "Nipsic," South Atlantic Squadron, September 2, 1863, to October 21, 1864; special duty, Naval Machine Shop, Port Royal, S. C., from October 21, 1864, to June 7, 1865; U. S. S. "Pawnee," South Atlantic Squadron, June 8, 1865, to July 27, 1865; special duty, iron-clads, at Philadelphia, Pa., from November 8, 1865, to March 15, 1866; special duty, U. S. S. "Madawaska," New York, March 19, 1866, to October 11, 1866. Promoted to *First Assistant Engineer*, July 25, 1866; U. S. S. "Ossipee," North Pacific Squadron, October 18, 1866, to October 12, 1868; "Pensacola," North Pacific Squadron, October 12, 1868, to September 27, 1869; special duty, Navy Yard, New York, February 23, 1870, to February 6, 1872; U. S. S. "Powhatan," North Atlantic Squadron, February 13, 1872, to June 5, 1873; U. S. S. "Wasp,' South Atlantic Squadron, June 5, 1873, to December 25, 1874; special duty, Navy Yard, New York, June 30, 1875, to March 23, 1878; U. S. S. "Alaska," Pacific Squadron, March 23, 1878, to April 7, 1881; special duty, Navy Yard, New York, June 21, 1881, to October 3, 1882. Promoted to *Chief Engineer*, November 17, 1882; special duty, Naval Advisory Board, new cruisers, from September 6, 1883, to August 7, 1886; special duty, Navy Yard, New York, August 7, 1886, to Jan. 6, 1887; U. S. S. "Dolphin," special service, Jan. 12, 1887, to Nov. 7, 1889; Inspector Machinery U. S. S. "Maine," Nov. 9, 1889, to date.

John Lowe.—Born in Liverpool, England, December 11, 1838. Enrolled in Second Ohio Regiment, United States Volunteers, April 17 to July

31, 1861. Wounded at the first battle of Bull Run. Appointed *Third Assistant Engineer*, August 12, 1861; gunboat "Huron," South Atlantic Blockading Squadron, October, 1861, to December, 1866; gunboat "Shawmut," North Atlantic Blockading Squadron, October, 1861, to December, 1866; and iron-clad duty, torpedo-boat "Picket," scout, and such semi-detached duty, October, 1861, to December, 1866. Promoted to *Second Assistant Engineer*, April 21, 1863; U. S. S. "Madawaska," December 22, 1866, to February 1, 1867; special duty on board "Richmond" and "Maumee," February 14, 1867, to December 19, 1867; Navy Yard, Washington, December 19, 1867, to November 24, 1868; U. S. S. "Tallapoosa," November 24, 1868, to February 10, 1870; U. S. S. "Palos," February 10, 1870, to October 21, 1872. Promoted to *First Assistant Engineer*, July 25, 1866; Navy Yard, Washington, March 15, 1873, to November 11, 1873; monitor "Manhattan," November 11, 1873, to February 11, 1874; torpedo-boat "Intrepid," February 10, 1874, to July 5, 1876; U. S. S. "Despatch," special service in Europe, November 22, 1876, to July 2, 1879; monitor "Passaic," December 31, 1879, to October 22, 1880; Navy Yard, Washington, October 22, 1880, to October 27, 1883. Promoted to *Chief Engineer*, June 16, 1883; U. S. S. "Yantic," October 27, 1883, to February 27, 1883; U. S. S. "Bear," Greely Relief Expedition, February 27 to November 17, 1884; Navy Yard, Washington, January 13, 1885, to December 7, 1885; U. S. S. "Dolphin," December 7, 1885, to February 8, 1887; U. S. S. "Thetis," January 7, 1887, to January 10, 1889; special duty at Chicago, Ill., May 1, 1889, to October 21, 1889; Navy Yard, Washington, December 27, 1889, to January, 1892; Inspector of Machinery of the "New York," January 12, 1892, to August 1, 1893; "New York," S. A. Station, August, 1893, to date.

Lewis Wood Robinson.—Born near Haddonfield, New Jersey, March 7, 1840. Entered the Navy as *Third Assistant Engineer*, September 21, 1861 (from the profession of Civil Engineering), and was ordered to the "Kennebec," October 27, 1861, which vessel soon after joined the West Gulf Blockading Squadron, under Commander Farragut; participated in the capture of Forts Jackson and St. Philip, and the city of New Orleans, in April, 1862, and other minor engagements in the Mississippi River, including the attack on Vicksburg, by Farragut's Fleet, June 28, of the same year, resulting in forming a junction with the upper fleet; left the Mississippi in August, 1862, and after a short cruise down the coast of Texas, engaging on the way the batteries at Valasco, returned, joined the Blockading Fleet off Mobile, and participated in the capture of the schooners "Juniper," "Sea Lion," "Hunter," "Marshall J. Smith," and "John Scott," and steamers "Eugenia," "William Bagaly," and "Gray Jacket." Promoted to the grade of *Second Assistant Engineer* (rank of Master), July 30, 1863; was Chief Engineer of the "Kennebec," from July, 1864, to June 9, 1865, during which time participated in the engagement with Forts Morgan and Gaines, entering Mobile Bay with Farragut's fleet, August 5, 1864; was present at the second surrender of Galveston, Texas; was detached from the "Kennebec," June 9, 1865, and ordered to the "R. R. Cuyler," for passage North; from November, 1865, to December, 1869, was attached to the "Shamokin" on the east coast of South America. Promoted to the grade of *First Assistant Engineer* (rank of Lieutenant), October 11, 1866 (title changed to *Passed Assistant Engineer*, February 24, 1874); after two years' duty at the Philadelphia Navy Yard, made another cruise to the S. A. Station, from January, 1871, to February, 1874, on the "Ticonderoga;" was then placed on special

duty until August 1, 1875, when, obtaining leave of absence, occupied the position of General Superintendent of the Bureau of Machinery, U. S. Centennial Exhibition, under Chief Engineer John S. Albert, U. S. N., Chief of Bureau, which position he held until January 1, 1877, when he was ordered to duty at the Naval Academy, Annapolis, Maryland, as Senior Instructor in the Department of Steam-Engineering; detached from the Naval Academy in June, 1880, and ordered, August 24, 1880, to the U. S. S. "Minnesota," flag-ship of the Training-Fleet; detached from the "Minnesota" in August, 1882, and ordered to the U. S. S. "Tennessee," flag-ship of the Home and North Atlantic Fleet; detached from the "Tennessee" in August, 1883, and promoted to *Chief Engineer* (rank of Lieutenant-Commander,) from August 19, 1883; ordered to special duty at the Navy Yard, League Island, Philadelphia, Pa., in November, 1883, in connection with the fitting out of the U. S. S. "Ossipee;" ordered to the "Ossipee," January, 1884; made a cruise on the Asiatic Station; detached from the "Ossipee" at the Norfolk, Va., Navy Yard, March 12, 1887, and in April was ordered as member of the Naval Examining Board, P. O. Building, Philadelphia, Pa., and served until September, 1891, when he was detached and accepted the position of Chief of Department of Machinery, World's Columbian Exposition.

Wm. H. Harris.—Born in Massachusetts. Appointed *Third Assistant Engineer*, in 1861; steam-gunboat "Sagamore," East Gulf Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; steam-frigate "Niagara," special service, 1863–5; Naval Academy, 1865–6. Promoted to *First Assistant Engineer*, 1866; "Piscataqua," Asiatic Squadron, 1867–70; Navy Yard, Boston, 1871–2; "Despatch," special service, North Atlantic Station, 1873–76; Navy Yard, Boston, 1878–9; special duty, 1879–80; "Galena," European Station, 1881–3; Bureau of Steam-Engineering, 1884–9. Promoted to *Chief Engineer*, December 27, 1883; steamer "Atlanta," Squadron of Evolution, 1889–91; R. S. "Wabash," November, 1891, to September, 1892; Naval Examining Board, Philadelphia, September, 1892, to June, 1893; R. S. "Wabash," June, 1893, to date.

John A. Scot.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1861; gunboat "Owasco," West Gulf Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; "Galena," West Gulf Squadron, 1863–5; participated in the engagement with Forts Jackson and St. Philip; the capture of New Orleans; passage of Vicksburg; capture of Galveston; passage and capture of Forts Morgan, Gaines, and Powell; capture of the ram "Tennessee," and destruction of the "Gaines." Promoted to *First Assistant Engineer*, 1866; "Tuscarora," Pacific Squadron, 1866–8; "Terror" (iron-clad), North Atlantic Station, 1870–1; rendezvous, San Francisco, 1872–5; Asiatic Station, 1875–6; "Hartford," South Atlantic Station, 1878–80; Navy Yard, League Island, 1880–2; "Hartford," Pacific Station, 1883–4; "Lackawanna," Pacific Station, 1884–5. Promoted to *Chief Engineer*, July 6, 1885; special duty, Pittsburgh, 1886–7; inspection duty, Philadelphia, 1887–8; "Alliance," South Atlantic Station, 1888–9; special duty, 1889–90; Navy Yard, League Island, January, 1891, to October, 1892; "Concord," N. A. Station, October, 1892, to date.

John Livingston Dinwiddie Borthwick.—Born in Pennsylvania, August 11, 1840; educated in that city and received the Degree of M. A.; is a member of the First Troop Philadelphia City Cavalry, and with it served in the First Shenandoah Valley Campaign of 1861; was present at the engagement of Falling Waters, Virginia; on being mustered out of the

United States service was offered and declined a commission as Captain in the Pennsylvania, and a Lieutenancy in the Regular Cavalry; entered the Navy as a *Third Assistant Engineer*, October 8, 1861, and was ordered to the U. S. S. "Itasca;" in that vessel participated in the preliminary engagements below Forts Jackson and St. Philip; the removal of the obstructions below those forts; the passage of the forts and the capture of New Orleans; also in the engagements at Vicksburg, Grand Gulf, East Feliciana, Port Hudson, Baton Rouge, Pass Manchac, Donaldsonville, College Point and Red Church, all on the Mississippi River, at Velasco, Coast of Texas, and in the preliminary engagements and passage of Forts Morgan and Gaines, Mobile Bay; detached from the "Itasca," and ordered to the "Arizona," flag-ship of the West Gulf Squadron, as Engineer in charge, the same position as held on board the "Itasca," January, 1865; detached and ordered to the "Lackawanna," on the destruction of the "Arizona" by fire; detached from the "Lackawanna," and ordered to the "Kineo," March, 1865, as Engineer in charge; detached and placed on waiting orders, May, 1865; served on board of the "Shamokin," "Kansas" and "Huron," in the West Indies, South Atlantic Squadron and West Coast of Africa from June, 1865, till October, 1868; at the Naval Academy as Instructor, and in charge of machinery afloat from April, 1869, till July, 1871; on board of the "Michigan" from July, 1871, till July, 1873; on board the "Alaska," European Squadron, from August, 1873, till January, 1874; at the Naval Academy as Instructor and in charge of machinery afloat from January, 1874, till January, 1877; on board of the "Alliance," "Vandalia" and "Trenton," European Squadron, from March, 1877, till July, 1880; on board of the "Michigan," from December, 1880, till July, 1883; on board of the "Trenton" and "Alert," East India Squadron, from August, 1883, till September, 1886; at the New York Navy Yard, from April, 1887, to January, 1888, as Chairman of the Experimental Board, Member of the Board of Inspection and Statutory Board; on board of the "Swatara," flag-ship of the S. A. Squadron, and in the East India Squadron, from January, 1888, till February, 1891; ordered to the New York Navy Yard, May, 1891, as a member of the Experimental Board; July 2, 1892, detailed for special duty in the inspection of the tubes for the U. S. S. "Chicago," at the Syracuse Tube Co., Syracuse, N. Y., and as Inspector of the construction of the boilers of the U. S. S. "Michigan," at the Lake Erie Boiler Works, Buffalo, N. Y.; ordered to duty on board of that vessel, November 19, 1892; while in Chicago, attached to the Naval Exhibit, served as a delegate to the Boiler Makers' Convention of the United States and Canada, and to the Boiler Inspectors' Convention of the same. Promoted to *Second Assistant Engineer*, August 3, 1863; to a *First Assistant Engineer*, October 11, 1866; to a *Passed Assistant Engineer*, February 24, 1874; to a *Chief Engineer*, with the rank of Lieutenant-Commander, September 7, 1885.

Charles J. MacConnell.—Born in Pennsylvania. Served an apprenticeship as a mechanical engineer, studied and practiced civil engineering, and is a graduate of the State Normal School at Trenton, New Jersey; was a member of Company A, National Guard of this State; volunteered for three months, and was detailed for special service at the Arsenal at Trenton during this time. Appointed *Third Assistant Engineer* in the Regular Service, on the 29th of October, 1861, and ordered to the gunboat "Kineo," on November 2, 1861; joined the fleet of Admiral Farragut in the Gulf of Mexico, February, 1862, and participated in fighting which occurred between the Passes in the Mississippi and Fort Jackson; present during the battle at this place and its capture, and the capture of New Orleans; was actively

engaged in all the various battles in the Mississippi River, at Donaldsonville, Plaquemine, Baton Rouge, Port Hudson and Vicksburg; detached from the "Kineo" at Baltimore on October 31, 1863. Promoted to the grade of *Second Assistant Engineer*, September, 1863; ordered to the "Pontoosuc," March 31, 1864; was detached from this ship and reported for duty on board the "Mattahesett;" did duty on the blockade and in the sounds of North Carolina; fought the ram "Albemarle," off Edenton, N. C., and did guard duty at Plymouth, N. C. in the Roanoke River; remained on this ship in the sounds until after the surrender of General Johnson at Goldsborough; was then ordered to New York, and detached on May 31, 1865; after a short leave was ordered to duty at League Island, and assisted in establishing the Navy Yard at this place; was detached and ordered to duty in the "Lackawanna," April 27, 1866, and made a cruise in her in the Pacific; was promoted to *First Assistant Engineer* in October, 1866; April, 1869, ordered to duty at Boston Navy Yard; December 27, 1870, ordered to the "Tennessee;" January 9, 1872, to October 8, 1872, duty on iron-clad "Canonicus;" "Pensacola," in the South Pacific, November, 4 1872, until October 12, 1874; Mare Island Navy Yard from October, 1874, to April, 1876; ordered to the "Monongahela," August 11, 1877, made a cruise to the East Indies in her, and detached; duty at New York Navy Yard, December, 1879, to July, 1882; "Nantucket," July, 1882, to December, 1882; "Swatara" West Indies and Home Squadron, January, 1883, to August, 1885. Commissioned as *Chief Engineer*, December 5, 1885; ordered to the "Vermont," March 25, 1887; detached March 9, 1888, and granted leave. In March, 1889, ordered to the "Mohican," joined her at Panama, and cruised in the Pacific and Behring Sea, detached at Port Townsend in April, 1892; training-ship "Richmond," August, 1892, to February, 1893; U. S. S. "Minnesota," from February 1893, to date.

Herschell Main.—Appointed from District of Columbia. *Acting Third Assistant Engineer*, October 10, 1866. Appointed *Third Assistant Engineer*, June 3, 1868; *Second Assistant Engineer*, June 6, 1869; *Passed Assistant Engineer*, November 20, 1874; "Pensacola," 1869–71; Bureau of Steam-Engineering, 1871–3; "Michigan," Northwestern lakes, 1873–4; "Mahopac," proved boiler, April 6, to June 1, 1888; member of Board to Test the U Street Pumping-Engines, Washington; Office of Naval Intelligence, Navy Department, June 1, 1888–90; "Vesuvius," June, 1890, to date.

George W. Stivers.—Born in New York. Appointed *Third Assistant Engineer*, 1861; steam-sloop "Oneida," W. G. S., 1861–3. Promoted to *Second Assistant Engineer*, 1863; steamer "Union," E. G. S., 1864–5; special duty, New York, 1865–6. Promoted to *First Assistant Engineer*, 1866; "Franklin," European Station, 1867–9; "Dictator," iron-clad, N. A. S., 1869–70; Navy Yard, New York, 1871–4; "Palos," Asiatic Fleet, 1875–7; torpedo-boat "Intrepid," 1877–9; "Pensacola," Pacific Station, 1879–82; special duty, 1883–4; special duty, Experimental Board, 1884–6. Promoted to *Chief Engineer*, December 18, 1858; "Essex," Asiatic Station, 1886–9; Navy Yard, New York, 1889–93; "Baltimore," Asiatic Station, May, 1893, to date.

William W. Heaton.—Born in New York. Appointed *Third Assistant Engineer*, 1861; steam-gunboat "Katahdin," W. G. S., 1861–3. Appointed to *Second Assistant Engineer*, 1861–3. Promoted *Second Assistant Engineer*, 1863; and to *First Assistant Engineer*, 1866; "Iroquois," Asiatic Station, 1867–70; Navy Yard, New York, 1871–2; special duty, Key West,

1873; "Omaha," Pacific Fleet, 1875–8; Naval Station, New London, 1878–81; "Richmond," Asiatic Station, 1881–4; special duty, Navy Yard, New York, 1884–7. Promoted to *Chief Engineer*, January 26, 1886; "Quinnebaug," European Station, 1887–9; Quintard Iron-Works, New York, 1890–93; "Newark," S. A. Station, August, 1893, to date.

Absalom Kirby.—Born in Washington, D. C. Joined the Potomac Flotilla at the first call, April, 1861, on steam-boats running dispatches; was an engineer on board of the steam-boat "Mount Vernon," when she took Colonel Ellsworth and his regiment to Alexandria, Va., May 24, 1861,—the morning he was killed by Marshall. This vessel is said to have fired the first gun of any vessel in the war. On dispatch steamer "James Guy," just arrived, at Mathias' Point with dispatches for Commander Ward, when he was killed on board of the "Thomas Freeborn" by a sharp-shooter from a rebel battery, June 27, 1861; continued on the dispatch-boats "Baltimore" and "Powhatan," running the rebel batteries till he entered the regular service, October 3, 1861, as a *Third Assistant Engineer*; joined the "Pocahontas" in Dupont's Expedition in the battle of Port Royal, November 7, 1861; was stationed at the "Bell Pull," on deck which was attached to the main mast, when a shot from a rebel battery carried the mast away; attached to the "Mohican" on the blockade off Charleston, capture of Fernandina, Florida, also Saint Simond, and Warsaw Sounds, Georgia. In Farragut's Squadron from July, 1862, to July, 1865; blockade off Mobile Bay in the "Pembina," when she chased the "Florida" the morning she ran out of Mobile Bay, January 16, 1863. Promoted to *Second Assistant Engineer*, August 3, 1863; "Richmond," W. G. S., 1863–5; was on board her in the battle of Mobile Bay, August 5, 1864; also when she captured rebel ram "Webb," below New Orleans, April, 1865. Promoted to *First Assistant Engineer*, 1866; special duty, Philadelphia, 1866–8; "Nina," 1868–70; "Tallapoosa," special service, 1871–3; "Manhattan," iron-clad, N. A. S., 1873; Asiatic Station, 1874–7; Navy Yard, Washington, 1878–81; "Powhatan," special duty, 1881–4; R. S. "Wyandotte," 1884–6. Promoted to *Chief Engineer*, December 2, 1886; "Adams," Pacific Station, 1887–90; R. S. "Franklin," 1891–2; Navy Yard, Washington, 1892–3; Navy Yard, Norfolk, November, 1893, to date. Inspector machinery, U. S. armored battle-ship, "Texas."

George E. Tower.—Born in Ohio. Appointed *Third Assistant Engineer*, January, 1862; joined "Sebago," February, 1862; detached, November, 1863. Appointed *Second Assistant Engineer*, October, 1863; joined "Brooklyn," November, 1863; detached, January, 1865; joined "Galena," March, 1865; detached, June, 1865; joined "Tacony," September, 1865; detached, November, 1866; joined "Osceola," November, 1866; detached, September, 1867; joined "Mahaska," January, 1868; detached, September, 1868. Commissioned a *First Assistant Engineer*, January, 1868; reported for iron-clad duty, September, 1868; detached, October, 1870; joined "California," December, 1870; detached, July, 1873; reported for duty at Naval Academy, September, 1873; detached, September, 1877; reported for duty at Washington Navy Yard, September, 1877; detached, June, 1879; joined "Tallapoosa," June, 1879; detached, June, 1882; joined "Lackawanna," July, 1882; detached, March, 1883; reported for duty with Advisory Board, May, 1885; detached, May, 1887; joined "Boston," May, 1887; detached, November, 1887. Commissioned *Chief Engineer*, June, 1887; joined "Kearsarge," October, 1889; detached, May, 1893; reported for duty at New York Navy Yard, July, 1893.

James Entwistle.—Born in New Jersey. Appointed *Third Assistant Engineer*, 1861; steam-gunboat "Aroostook," N. A. and W. G. Squadrons, 1861–5. Promoted to *Second Assistant Engineer*, 1863; "Mahongo," Pacific Squadron, 1865–7. Promoted to *First Assistant Engineer*, 1866; "Wampanoag" (second-rate), 1867–8; "Michigan," 1869–70; "Canonicus" (iron-clad), N. A. S., 1871–2; "Powhatan," N. A. S., 1873; "Franklin," European Station, 1873–6; Bureau of Steam-Engineering, 1877–8; special duty, New York, 1877–8; Navy Yard, Mare Island, 1878–80; "Ashuelot," Asiatic Station, 1881–3; special duty, Morgan Iron Works, 1885–7. Promoted to *Chief Engineer*, July 1, 1887; "Enterprise," European Squadron, 1887–90; Inspector of Machinery of Gunboats Nos. 5 and 6, June, 1890, to date.

Nathan P. Towne.—Born in Maine. Appointed *Third Assistant Engineer*. 1862; steam-sloop "San Jacinto," E. G. S., 1862–3. Promoted to *Second Assistant Engineer*, 1863; and to *First Assistant Engineer*. 1866; steamer "Winooski," 1866; "Wampanoag" (second-rate), 1868; "Narraganset, N. A. S., 1868; Navy Yard, Portsmouth, New Hampshire, 1869–72; "Richmond," Pacific Fleet, 1872–5; Naval Station, New London, 1875–8; "Richmond," Asiatic Station, 1878–81; Navy Yard, New York, 1881–4; "Tallapoosa," S. P. Station, 1884–7. Promoted to *Chief Engineer*, July 3, 1887; inspection duty, "Brooklyn," 1887–8; Bureau of Steam-Engineering, 1888–92.

Hugh H. Cline.—Born in Maryland, September 3, 1837. Appointed from Maryland as *Third Assistant Engineer*, July 1. 1861. Warranted *Second Assistant Engineer*, December 18, 1862; reported on board U. S. flag-ship "Lancaster" for duty, August 22, 1861; on board U. S. S. "Wyoming," from September 6, 1861, to July 23, 1864; experimental duty, Navy Yard, New York, from August 18, 1864, to July 10, 1865; on U. S. monitor "Dictator,"' from July 10, 1865, to September 5, 1865; on U. S. steamer "Pensacola," from October 26, 1865, to April 19, 1869. Commissioned *First Assistant Engineer*, January 1, 1868; on U. S. monitor "Miantonomah," from November 11, 1869, to May 27, 1870; on U. S. monitor "Terror," from December 2, 1870, to January 21, 1871; on U. S. monitor "Dictator," from January 21. 1871, to June 28, 1872; on U. S. steamer "Canandaigua," from October 2, 1872, to November 23, 1873. Commissioned *Passed Assistant Engineer*, February 24, 1874; ordered to U. S. flag-ship "Hartford." October 2, 1874; on U. S. steamer "Hartford," November 20, 1874; on U. S. steamer "Saco." from November 20 to December 2, 1874; on U. S. steamer "Yantic," from Dec. 2, 1874, to January 25, 1876; on U. S. steamer "Saco," from January 28, 1876, to July 13, 1876; on U. S. S. monitor "Wyandotte," July 24 to 28, 1877; on U. S. monitor "Passaic," July 28, 1877, to January 2, 1880; on U. S. steamer "Swatara," from January 6, 1880, to December 15, 1882; on duty at Mare Island Navy Yard, from September 17, 1883, to May 25, 1885; on U. S. steamer "Hartford," May 26 to June 3, 1885; on U. S. steamer "Mohican," from June 4, 1885, to August 21, 1888. Commissioned *Chief Engineer*, December 2, 1887; reported for duty on U. S. receiving-ship "Franklin," April 17, 1889, to November 13, 1891; "Charleston," Pacific Station, November 13, 1891, to date.

Ralph Aston.—Born in Connecticut. Appointed *Third Assistant Engineer*, 1861; steam-gunboat "Cayuga," W. G. Station, 1861–5; at the capture of New Orleans the "Cayuga" was the first vessel to pass the lower forts; she took part in many minor affairs on the Mississippi River, at the defences of Mobile, and on the coast of Texas. Promoted to *Second Assist-*

ant Engineer, 1863; to *First Assistant Engineer*, 1866; "Ashuelot," Asiatic Station, 1867–9. Promoted to *Passed Assistant Engineer*, October, 1869; "Terror" (iron-clad), N. A. Station, 1870–1; "Omaha," Pacific Fleet, 1872–3; Naval Rendezvous, New York, 1875–6; experimental duty, Navy Yard, New York, 1877–9; Coast Survey steamer "Hassler," 1880–3; inspection duty, 1883–5; "Pensacola" and "Kearsarge," European Station, 1885–6; "Ossipee," N. A. Station, 1886–7. Promoted to *Chief Engineer*, July 28, 1888; special duty, 1888–90; "Bennington," S. A. Station, June, 1891, to date.

B. C. Gowing.—Born in New York. Graduated, July 11, 1861, from the Rensselaer Polytechnic Institute, of Troy, New York; September 21, 1861, received a warrant as *Third Assistant Engineer;* October, 1861, was ordered to the gunboat "Kennebec," then building at Thomaston, Maine; February 12, 1862, sailed from Boston, Mass., for Key West, Florida, thence to Ship Island, Mississippi, where he joined Admiral Farragut's West Gulf Squadron; participated in the taking of Forts Jackson and St Philip, also New Orleans; the "Oneida" and "Kennebec" were the first Union vessels that went up the Mississippi River, hoisting the flag at the several cities and villages as they proceeded; was with Farragut at the passing and repassing of the batteries at Vicksburg, Mississippi; in three skirmishes with guerillas at Grand Gulf, and one at Baton Rouge, Louisiana; in the fight off Brazos, Texas; August 17, 1862, the "Kennebec" joined Admiral Farragut's Blockading Squadron, off Mobile, Alabama, where he remained two years, then returned home. May, 1863, was promoted to *Second Assistant Engineer;* November, 1864, was ordered to the "Hibiscus," and joined Rear-Admiral Bailey's East Gulf Squadron, cruising between Key West and St. Andrew's Bay, Florida; was with Commodore Shufeldt in the skirmishes and engagement up the St. Mark's River, Florida; August, 1865, returned with the "Hibiscus" to New York, thence home; November, 1865, on special duty at Boston, Mass., fitting out the "Ashuelot;" from January, 1866, to December, 1867, on duty at the U. S. Naval Academy as Instructor of Steam-Engineering; December, 1867, ordered to the "Kearsarge," and made a two-and-one-half years' cruise in the South Pacific Station, visiting the South Sea Islands and Australia; at Callao, Peru, joined the flag-ship "Saranac" (Rear-Admiral Turner); left her at San Francisco, California, October, 1870, and came home; was examined for promotion, and was commissioned as *First Assistant Engineer*, dating from October 11, 1866; on the monitor "Mahopac," January, February, and March, 1872; then ordered to the flag-ship "Lancaster," at Rio de Janeiro, Brazil; September, 1872, joined the "Wasp," at Montevideo, Uruguay; returned home, August, 1874; December, 1874, ordered to the "Yantic," at Hong-Kong, China; served on the Asiatic Station during 1875 and 1876; then started for home in the ship, reaching the United States, May 18, 1877; Navy Yard, New York, 1878–81; "Brooklyn," S. A. Station, 1881–4. Promoted to *Chief Engineer*, February 15, 1886; "Alert," Pacific Station, 1886–90; special duty, Brooklyn, N. Y., May, 1890, to July, 1892; "Kearsarge," N. A. Station, May, 1893, to date.

James H. Chasmar.—Born in New York. Appointed *Third Assistant Engineer* in 1862; steam-gunboat "Paul Jones," S. A. Station, 1862–3. Promoted to *Second Assistant Engineer*, 1863; "Muscoota," Gulf Squadron, 1865–6. Promoted to *First Assistant Engineer*, 1866; "Suwanee," N. P. Station, 1866–9; iron-clad duty, Key West, 1870–1; "Mahopac" (iron-clad), N. A. Station, 1872–3; "Kearsarge," Asiatic Fleet, 1874–8; Navy

Yard, New York, 1878–81; "Quinnebaug," European Station, 1881–4; Navy Yard, New York, 1884–9. Promoted to *Chief Engineer*, January 27, 1889; Inspector of Machinery, 1889, to date.

Edward A. Magee.—Born in New York. Appointed *Third Assistant Engineer* in 1862; "Itasca," West Gulf Squadron, 1862; steamer "Rhode Island," N. A. Station, 1863; Bureau of Steam-Engineering, 1863–4. Promoted to *Second Assistant Engineer*, 1863; "Shenandoah," S. A. Station, 1864–5; "Towanda" (third-rate), 1866; "Swatara," West India Station, 1867–9. Promoted to *First Assistant Engineer*, 1868; Navy Yard, New York, 1869–70; "Canonicus" (iron-clad), N. A. Station, 1871–2; "Wasp," S. A. Station, 1872–6; training-ship "Minnesota," 1876–9; Experimental Board, New York, 1879–81; "Vandalia," North Atlantic Station, 1881–3; training-ship "Minnesota," 1884–6; "Richmond," North Atlantic Station, 1886–9. Promoted to *Chief Engineer*, February 28, 1889; Navy Yard, New York, 1889–90; member Board of Inspection, New York, 1890–92; "Adams," Pacific Station, 1893, to date.

William A. Windsor.—Born in Virginia, Appointed *Third Assistant Engineer*, 1862; "Miami," North Atlantic Station, 1862–4; New York Navy Yard, 1864. Promoted to *Second Assistant Engineer*, 1864; "Nyack," North Atlantic Station, 1864–5; "Rhode Island," North Atlantic Station, 1865–6; League Island Navy Yard, 1867; "Franklin," European Squadron, 1867–8; "Ticonderoga," European Squadron, 1868–9. Promoted to *First Assistant Engineer*, 1868; iron-clad "Dictator," North Atlantic Station, 1869–70; waiting orders, 1871; sick-leave, 1872–3; U. S. S. "Hartford" and "Monocacy," Asiatic Station, 1873–4; sick-leave, 1874; torpedo-boats "Intrepid" and "Alarm," 1874–6; "Ranger," 1876–7; iron-clad duty up James River, Va., 1877–8; "Plymouth," North Atlantic Station, 1878–9; "Kearsarge," North Atlantic Station, 1879–80; Naval Academy, 1880–3; "Tennessee," North Atlantic Station, 1883–6; Navy Yard, New York, 1887–9. Promoted to *Chief Engineer*, June 17, 1889; "Dolphin," special service, North Atlantic Station, 1889–91; Inspector of Machinery, 1892, to date.

George W. Roche.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1862; "Lackawanna," North Atlantic Station, 1862–5. Promoted to *Second Assistant Engineer*, 1864; "Dacotah," Pacific Squadron, 1866–8. Promoted to *First Assistant Engineer*, 1868; Naval Academy, 1869–72; "Ticonderoga," South Atlantic Station, 1872–4; iron-clad "Saugus," North Atlantic Station, 1874–6; Navy Yard, League Island, 1877–9; "Shenandoah," South Atlantic Station, 1879–82; Navy Yard, Washington, 1882–4; "Despatch," special service, 1885–9. Promoted to *Chief Engineer*, August 25, 1889; member Board to Test Boilers, 1889–90; Inspector cruiser No. 10, October, 1890, to July, 1893; "Detroit," S. A. Station, July 1893, to date.

H. Schuyler Ross.—Born in the city of Buffalo, N. Y. Appointed *Third Assistant Engineer* in November, 1862; served in West India Flying Squadron, U. S. S. "Tioga;" sent home as one of prize crew of captured blockade-runner "Granite State," 1863; special experimental duty at New York Navy Yard, 1863; U. S. S. "Mendota," James River Flotilla, 1864–5, in action with forts above "Howlett's;" took charge of captured torpedo-boat, and delivered her to Commodore Radford at City Point, returning with crew to ship at Dutch Gap; several actions with shore batteries. Promoted to *Second Assistant Engineer*, March, 1864; "Tullahoma," and special duty, Navy Yard, New York, 1865–6; U. S. S. "Peoria," West India Station,

1867; "Penobscot," West Indies, 1867–9; iron-clad "Terror," North Atlantic Station, 1869–70. Promoted to *First Assistant Engineer,* 1868; "Wabash," flag-ship, European Station, 1872–4; Naval Station, New London, 1874–5; iron-clad "Wyandotte," 1875; "Vandalia," European Station, 1875–7; Coast Survey, "Gedney," 1878–9; Michigan Lakes, 1880–1; "Alert" and "Monocacy," Asiatic Station, 1883–6; special duty, Board Merchant-Vessel Inspection, 1887–9; Cramp's ship-yard, "Baltimore," 1889. Promoted *Chief Engineer,* 1890; "Essex," S. A. Station, April, 1890, to August, 1893; Navy Yard, New York, August, 1893, to date.

Charles R. Roelker.—Born in District of Columbia. Appointed *Third Assistant Engineer,* 1862; "Sonoma," N. A. S., 1863–5. Promoted to *Second Assistant Engineer,* 1864; Bureau of Steam-Engineering, 1865–70. Promoted to *First Assistant Engineer,* 1868; "Tallapoosa," special service, 1871–2; "Shenandoah," European Squadron, 1872–3; "Congress," European Station, 1873–6; Bureau of Steam Engineering, 1876–7; Advisory Board, 1882–6; Fish Commission steamer "Albatross," 1887–91; special duty in connection with "Raleigh," July, 1891, to date.

John D. Ford.—Born in Maryland. Entered the Maryland Institute School of Design, class of 1857, graduated June, 1861, receiving the first Peabody prize; entered the United States Navy as *Third Assistant Engineer,* July 30, 1862; took passage on the naval transport "Rhode Island," and joined the West Gulf Squadron, October 11, being assigned to duty on board the "Richmond;" in February, 1863, took part in the recapture of Baton Rouge, La, and the passage of Port Hudson batteries in March; June, 1863, was detailed for duty with the left wing of the army at the siege of Port Hudson; after the surrender was engaged on blockade duty off the entrance to Mobile Bay. Promoted to *Second Assistant Engineer,* February 15, 1864; June 7, 1864, was ordered in charge of the prize-steamer "Donegal," to Philadelphia; rejoined the "Richmond," off Mobile Bay; after the engagement was detailed as one of the prize-crew for the ram "Tennessee;" August 11, detached from the "Tennessee" and ordered in charge of the machinery of the prize-steamer "Selma," on duty at the obstructions below the city of Mobile; February 5, 1865, detached from the "Selma" and ordered to the "Arizona," which vessel was destroyed by fire off Poverty Point, on the Mississippi River, February 27, 1865, when officers and crew had to take to the water to save their lives; March 9, 1865, ordered to the flag-ship "Estrella," fitting out at New Orleans, afterwards on duty in Mobile Bay; July 1, 1865, detached from the "Estrella" and ordered to the "Sebage;" returned to New York, and was detached July 25, 1865; October 25, 1865, ordered to the "Pensacola," at Baltimore, for experimental duty; March 30, 1866, detached; July 10, 1866, ordered to the "Guerriere," at Boston, on experimental duty; detached October 2, 1866, and ordered to the "Sacramento;" sailed down the west coast of Africa, up the Indian Ocean, and was wrecked on the Caramandel Coast of India June, 1867; returned to the United States in the British bark "General Caulfield;" detached November 19, 1867; February 4, 1868, ordered to the Navy Yard, Norfolk; assigned to duty in charge of machinery afloat. Promoted to *First Assistant Engineer,* June 6, 1868; December 11, 1868, detached from Navy Yard and ordered to take passage to Europe in the "Franklin," for duty on board the "Swatara;" assigned to duty on the "Franklin" on the passage over; June 1, 1869, returned to the United States in the "Swatara;" was detached and granted leave of absence; October 8, 1869, ordered to the "Miantonomah;" took part in the reception of H. B. M. S. "Monarch," at Portland, Me., July 20,

1871; detached September 20, 1872; detached and ordered to the "Hartford;" made a cruise on the Asiatic Station; October 23, 1875, detached; January 17, 1876, ordered to the Naval Examining Board, Washington City; March 1, 1878, detached and ordered to the flag-ship "Tennessee;" made a cruise on the North Atlantic Station; April 23, 1883, detached; May 17, 1883, ordered to duty in the Bureau of Steam-Engineering; March 13, 1884, detached and ordered to start the Baltimore Manual Training School; July, 1890, was ordered to duty in connection with the contract trial of the U. S. S. "San Francisco; October, 1890, ordered to the "Alert," cruised in Behring Sea and the Asiatic Station; October, 1893, detached and granted leave of absence.

John L. Hannum.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, April 21, 1863; "Pawnee," S. A. S., 1863–5. Promoted to *Second Assistant Engineer*, 1864; "Guerriere," S. A. S., 1867–9; "Terror" (iron-clad), N. A. Station, 1869–71. Promoted to *First Assistant Engineer*, 1872; "Worcester," N. A. Station, 1873–5; special duty, Philadelphia, 1877; "Richmond," Asiatic Station, 1879–81; special duty, Philadelphia, 1881–2; "Nipsic," S. A. Station, 1883–4; "Pinta," special duty, 1884–6; Navy Yard, Norfolk, 1886–9; "Iroquois," Pacific Station, 1889–92; R. S. "Vermont," July, 1892, to date.

Albert C. Engard.—Appointed *Third Assistant Engineer*, March 17, 1863; May 26, 1863, ordered to the monitor "Nahant," in the Edisto River, South Carolina; June 6, 1863, ordered to the "Powhatan," on blockade duty off Charleston, South Carolina; afterwards in the West Indies, as flag-ship of Admiral Lardner; thence to Hampton Roads, to join Admiral Porter's fleet for the attack on Fort Fisher; remained on board the "Powhatan" until after the surrender of the fort; November 25, 1865, ordered to the "Sagamore," Tampa Bay, Florida. Promoted to *Second Assistant Engineer*, 1866; ordered to the "Saco," June, 1866; January 12, 1867, ordered to the "Marblehead," at Washington; cruised in the West Indies; December 5, 1867, ordered to the "Penobscot," at Washington; cruised in the West Indies; July 12, 1869, ordered to the Navy Yard, Norfolk; July 12, 1872, ordered to the monitor "Canonicus," at Norfolk; November 8, 1872, transferred to the monitor "Saugus," at Philadelphia. Promoted to *First Assistant Engineer*, 1873; May 29, 1873, ordered to the "Benicia," at Panama; November 16, 1875, was ordered to the Naval Rendezvous, at Philadelphia; December 14, 1876, was ordered to the receiving-ship "St. Louis;" March 1, 1879, was ordered to the "Alert," Asiatic Station; November 19, 1879, was ordered to the "Ashuelot," Asiatic Station; May 25, 1881, ordered to the "Alert," Asiatic Station; September 28, 1882, ordered to the Naval Rendezvous, Philadelphia; April 15, 1884, ordered to the Navy Yard, Brooklyn, New York; June 16, 1884, ordered to Chester, Pennsylvania, on inspection duty in connection with the machinery of the monitor "Puritan;" April 22, 1885, ordered to the "Shenandoah," South Pacific Station; October 12, 1886, ordered to the "Ranger," on surveying duty on the coast of Lower California; August 13, 1888, ordered to the Navy Yard, League Island, Philadelphia, Pennsylvania; October 18, 1888, ordered to the Ship and Engine-Building Works of William Cramp & Sons, on inspection duty in connection with the machinery of the cruiser "Newark," and remained until October, 1891; "Mohican," Pacific Station, April, 1892, to date.

John A. B. Smith.—Entered the service from civil life on the 21st of April, 1863, as *Third Assistant Engineer;* was ordered to the U. S. S.

"Housatonic," off Charleston, S. C., in June, and served on that vessel until she was blown up by a torpedo on the night of February 17, 1864; was rescued by boat from "Canandaigua;" on account of the crowded condition of that vessel, was sent to the U. S. S. "Wabash;" served on that vessel until May; after going North for a new outfit, was ordered to the U. S. S. "Paul Jones;" served on that vessel in Stono Inlet and Ossibau Sound after the "Water-Witch" was captured; came North in "Paul Jones;" in August, 1864, was ordered to U. S. S. "Mohongo," building at Jersey City. Promoted to *Second Assistant Engineer,* September 28, 1864; made the trip from New York to San Francisco in "Mohongo," and was detached on the 7th of August, 1867; served on the trials of the "Contoocook," "Moshulan," "Pushmataha" and "Miantonomah," in latter part of 1867–8; joined U. S. S. "Saco," at Aspinwall, in September, 1868, and, on that vessel going out of commission, was ordered to U. S. S. "Seminole" sent out to capture the pirate steamer "Telegraph," supposed to be at Samana Bay; served on "Seminole" until December, 1869; ordered as *Chief Engineer* of "Mayflower," in August, 1870, and went in that vessel to Mexico, in connection with the Shufeldt expedition to survey for canal (Tehuantepec Canal); returned in 1871, and was detached in May; ordered to League Island Station, and served until 1873; was ordered to "Saúgus," in July, 1883; was chief of that vessel during the "Virginius" excitement. Was Promoted to *Passed Assistant Engineer,* January, 1873; went to Pensacola on "Saugus," and was then ordered as Chief of that yard, and served there during the epidemic of yellow fever, 1874; was relieved in November of 1874, when yard was reported healthy; granted six months' leave; ordered to "Hartford," flag-ship of North Atlantic Squadron, in December, 1875, and served on that vessel until August, 1877, part of the time as Chief Engineer; ordered to U. S. S. "Wyandotte," at Washington Yard, in December, 1877; was detached in May, 1880, and ordered to "Tallapoosa," and served on her until June, 1883, the last year as Chief Engineer; in September, 1883, was ordered in charge of stores at Norfolk Navy Yard, and Chief Engineer of receiving-ship "Franklin;" served there until May, 1886; was then ordered as Senior Assistant of the new cruiser "Atlanta;" served on her during all of her trial trips, and until November, 1888; in December, 1888, was ordered to duty under Naval Advisory Board, at Washington; on April 1, 1889, was ordered to inspection duty at Cramp's ship-yard in connection with U. S. S. "Philadelphia;" served on trial trips of the "Baltimore;" was detached December 4, 1889, and ordered as inspector of Cruiser No 9, at Baltimore. Promoted to *Chief Engineer* February 16, 1892; ordered to cruiser "Montgomery," March 8, 1894.

Conrad J. Habighurst.—Born in England. Appointed *Third Assistant Engineer,* 1863; West Gulf Blockading Squadron, 1863–4; "Dictator" (iron-clad), North Atlantic Station, 1864–5. Promoted to *Second Assistant Engineer,* 1865; "Monongahela," West Indies Squadron, 1866–7; "Franklin," European Squadron, 1868–70; "Mahopac," North Atlantic Station, 1872–3. Promoted to *First Assistant Engineer,* 1873; "Franklin," European Squadron, 1873–4; in charge of Machinery Afloat, New London, Connecticut, 1874; "Powhatan," North Atlantic Station, 1876–7; Navy Yard, Philadelphia, 1879–81; "Enterprise," North Atlantic Station, 1881–4; special duty, Chester, Pa., 1885–7; inspection duty, Philadelphia, 1887–90; "Enterprise," N. A. Station, June, 1890, to March, 1891; iron-clads at Richmond, Va., March, 1891, to May, 1892; member Naval Examining Board, Philadelphia, May, 1892, to date.

Alexander B. Bates.—Born in New York. Appointed *Third Assistant Engineer*, 1863; "Sangamon," North Atlantic Station, February, 1863, to September, 1863; "Mattahasset," North Atlantic Station, October, 1863, to May, 1865. Promoted to *Second Assistant Engineer*, May, 1864; "Ticonderoga," European Station, August, 1865, to October, 1868. Commissioned, July 25, 1866; "Franklin," European Station, December, 1868; "Galena," North Atlantic Station, April, 1869, to May, 1869; "Dictator," North Atlantic Station, June, 1869, to July, 1870; Mare Island, June, 1871, to April, 1873; League Island, April, 1873, to November, 1873; "Dictator," North Atlantic Station, November, 1873, to December, 1874. Promoted to *First Assistant Engineer*, January, 1874; "Adams," June, 1875, to July, 1875; "Montauk," North Atlantic Station, November, 1875, to July, 1876; Mare Island, July, 1876, to August, 1878; "Lackawanna," Pacific Station, August, 1878, to September, 1881; Experimental Board, New York, March, 1882, to October, 1882; "Vandalia," North Atlantic Station, November, 1883, to August, 1884; Portsmouth, N. H., Yard, April, 1885, to February, 1886; "Vandalia," Pacific Station, February, 1886, to January, 1889; "Mohican," Pacific Station, January, 1889, to April, 1889; "Minnesota," May, 1889–91; special duty, November, 1891, to October, 1892; "Yorktown," special service Squadron, October, 1892, to date.

Robert W. Milligan.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1863; "Mackinaw," North Atlantic Station, 1863–5; "Powhatan," Pacific Fleet, 1866–9. Promoted to *Second Assistant Engineer*, 1864; "Wyoming," North Atlantic Station, 1871–2; Navy Yard, Norfolk, 1874. Promoted to *First Assistant Engineer*, 1874; "Brooklyn," South Atlantic Station, 1875–6; Coast Survey steamer "Bache," 1877–9; Naval Academy, 1879–82; "Tennessee," North Atlantic Station, 1882–5; Naval Academy, 1885–9; "Ranger," North Pacific Station, 1889–91; R. S. "Independence," 1891–92; "Adams," Pacific Station, 1892, to October, 1893; member Board of Inspection and Survey, October, 1893, to date.

George W. Baird.—Born in District of Columbia. Appointed *Third Assistant Engineer*, 1862, serving on the steamers "Mississippi," "Calhoun," "Kensington," and "Pensacola;" Bureau Steam-Engineering, 1864–5. Promoted to *Second Assistant*, 1866; "Shamrock," 1866–8; "Tallapoosa," 1868–9; Mare Island, 1869–71; "Saranac" and "Pensacola," 1871–3; Bureau Steam-Engineering, 1873–7. Promoted to *Passed Assistant*, 1874; "Trenton," 1877; "Vandalia," 1878–80; "Montauk," 1880–1; Superintendent for Fish Commission, 1881–2; "Albatross" (acting as Chief), 1882–7; Assistant Superintendent of State, War and Navy Building, 1887–92. Promoted to *Chief Engineer*, 1892; "Dolphin," 1892, to date.

Richard Inch.—Born in District of Columbia. Appointed *Third Assistant Engineer*, 1863; steam-sloop "Lancaster," Pacific, 1863–6. Promoted to *Second Assistant Engineer*, 1864; Navy Yard, New York, 1867–8; "Nyack," Pacific Fleet, 1869–70; tug "Triana," 1871–2; "Gettysburg," special service, 1873–4. Promoted to *First Assistant Engineer*, 1874; special duty, Washington, 1875–7; "Wyoming," European Station, 1877–80; R. S. "Passaic," 1881–3; "Pinta," special service, 1883–4; "Yantic," N. A. Station, 1884–6; Navy Yard, Washington, 1887–91; "Lancaster," Asiatic Station, 1891, to date.

Harrie Webster.—Born in Farmington, Maine, February 12, 1843. Appointed *Acting Third Assistant Engineer* in the Volunteer Service, February 8, 1862; *Third Assistant Engineer* in the Regular Service, May 20, 1864; *Second Assistant Engineer*, January 1, 1868; *Passed Assistant Engi-*

neer, October 29, 1874; *Chief Engineer*, October 7, 1892. Served on the U. S. S. "Monticello," from February 11 to August 5, 1862, participating in the numerous skirmishes with Confederate Blockade Runners and land batteries; served on the U. S. S. "Ossipee," and on the U. S. "Genesee," on the Wilmington blockade, and on the last-named vessel took part in the battle of Port Hudson, March 16, 1863. During the Mississippi River campaign, which ended with the surrender of Vicksburg, and the capture of Port Hudson, in July, 1863; participated in many affairs between the "Genesee" and Confederate batteries, and in July, 1864, was transferred to the monitor "Manhattan" at his own request, and took part in the battle of Mobile Bay, August 5, 1864; following a leave of absence from the "Manhattan," served on the U. S S. "Winnepec" as assistant instructor in steam while attached to the Naval Academy, and made a cruise to Europe in the U. S. S. "Shamrock;" served on the U. S. S. "Nipsic" (first of the name), during Captain T. O. Selfridge's first surveys for an Isthmian Canal; afterwards served on the U. S. S. "Powhatan," and made a cruise in the Pacific while attached to the U. S. S. "Iroquois;" the various periods of shore duty have been for the most part in Washington; on the 10th of January, 1889, was ordered to the U. S. S. "Vandalia," and was the Engineer Officer in charge of the engine-room during the wreck of that vessel at Apia, Samoa, March 16, 1889; was appointed Acting Paymaster to continue the duties of Paymaster Frank H. Arms, who was lost on that occasion, and continued to act as Paymaster until July 18, 1889, when, the accounts of the "Vandalia" having been satisfactorily settled, was ordered as Chief Engineer of the U. S. S. "Nipsic" (the second of the name), at Honolulu, Hawaii; after a year on this vessel, was detached, ordered home and placed on duty at the Bureau of Steam Engineering, December 31, 1890, where he is at present time.

H. N. Stevenson.—Appointed from New York. *Acting Third Assistant Engineer*, October 10, 1866; *Third Assistant*, June 2, 1866; *Second Assistant*, June 3, 1869; *Passed Assistant Engineer*, December 13, 1874; "Dakota," 1869–71; Bureau of Steam-Engineering, 1871–3; special duty, New York, 1873–5; Coast steamer "Gedney," 1876–8; "Trenton," European Station, 1879–81; special duty, Coast Survey, 1883–6; inspection duty, Chester, Pa., 1889–90; "Alliance," Pacific Station, 1891, to date.

Julien S. Ogden.—Appointed from New York. *Acting Third Assistant Engineer*, October 10, 1866; *Third Assistant*, June 2, 1868; *Second Assistant*, June 2, 1869; *Passed Assistant Engineer*, October 20, 1875; "Iroquois," Asiatic Station, 1869–71; "Wabash," European Station, 1873–4; "Franklin," European Station, 1874–6; Navy Yard, New York, 1876–9; C. S. S. "Bache," 1879–81; Naval Academy, 1881; "Ranger," North Pacific Station, 1883–6; Naval Academy, 1886-9; "Despatch," special service, 1889–90; special duty, War and Navy Buildings, 1891, to date.

Charles Whiteside Rae.—Born in Hartford, Conn., June 30, 1847. Graduated with the degree of Civil Engineer, from the Rensselaer Polytechnic Institute, Troy, N. Y., July, 1866; appointed to the U. S. Naval Academy, in the newly-formed class of engineer students, October 10, 1866, and was graduated with the diploma of the institution, June 2, 1868; member of the American Society of Mechanical Engineers, and of the American Society of Naval Engineers; *Third Assistant Engineer*, June 2, 1868; waiting orders, June 2 to July 16, 1868; U. S. S. "Contoocook" (afterwards called "Albany"), flag-ship of the North Atlantic Fleet, July 16, 1868, to September 30, 1869; assistant to the Inspector of Machinery

Afloat, Washington, September 30, 1869, to March 30, 1870. *Second Assistant Engineer*, October 15, 1869; commission to date from June 2, 1869. U. S. S. "Terror,' N. A. Fleet, March 30 to March 31, 1870; assistant to Inspector of Machinery Afloat, Washington, March 31 to September 24, 1870; Tehuantepec and Nicaragua Canal Surveying Expedition, September 24, 1870, to August 16, 1871; in charge of line of levels in the field and resultant work in the office; waiting orders, August 16 to September 9, 1871; U. S. S "Wabash," flag-ship, European Fleet, September 9, 1871, to January 14, 1872; U. S. S. "Juniata," European Fleet, January 14 to April 12, 1872; U. S. S. "Plymouth," European Fleet, April 12 to June 14, 1872; U. S. S. "Wabash," June 14, 1872, to January 20, 1874; *Assistant Engineer*, February 24, 1874; title of grade changed from *Second Assistant Engineer* to *Assistant Engineer;* U. S. Naval Academy, January 20, 1874, to June 30, 1878; during tour of duty at Naval Academy, made two practice cruises with cadet engineers; first, U. S. S. "Alert," June 21 to September 6, 1865; second, U. S. S. "Mayflower," June 1 to September 18, 1877. *Passed Assistant Engineer*, May 4, 1876, commission to date from December 28, 1875; U. S. S. "Pensacola," flag-ship, Pacific Fleet, June 30, 1868, to February 22, 1881; U. S. S. "Wachusett," Pacific Fleet, February 22 to June 30, 1881; Bureau of Steam-Engineering, Navy Department, June 30, 1881, to June 16, 1884; member of the Uniform Board and of the Board for Examination of Employés of the State, War, and Navy Departments Buildings; U. S. S. "Powhatan," June 16 to July 16, 1884; U. S. S. "Lancaster," flag-ship of the European, and afterwards of the South Atlantic Fleets, July 16, 1884, to September 12, 1887; U. S. S. "Trenton," September 12 to November 17, 1887; waiting orders, November 17, 1887, to April 6, 1888; member of Board to Test Petroleum Burning Apparatus, and of Board to Test Herreshoff's Improved Boiler, April 6 to June 1, 1888; member of Board to Test the U Street Pumping-Engines, Washington; Office of Naval Intelligence, Navy Department, June 1, 1888–90; "Atlanta," S. A. Station, November, 1891, to March, 1893; leave of absence, March, 1893, to September, 1893; Naval Academy, September, 1893, to date.

George H. Kearny.—Appointed from New York *Acting Third Assistant Engineer*, October 10, 1866; *Third Assistant*, June 2, 1868; *Second Assistant*, June 2, 1869; *Passed Assistant Engineer*, January 1, 1876; *Chief Engineer*, June 27, 1893. "Saranac," Pacific Station, 1868; Asiatic Station, 1868–71; Naval Academy, 1872–3; "Congress," European Station, 1873–6; New York Navy Yard, 1877; Naval Academy, 1878–81; "Blake," Coast Survey, 1881–5; New York, Navy Yard, 1885–7; "Lancaster," and "Tallapoosa," S. A. Station, 1887–90; R. S. "Vermont," 1890; duty in connection with new cruisers, 1891–3; Inspector of Machinery of "Marblehead," August, 1893.

William S. Moore.—Appointed from Massachusetts. *Acting Third Assistant Engineer*, October 10, 1866; *Third Assistant*, June 2, 1868; *Second Assistant*, June 2, 1869; *Passed Assistant*, June 11, 1876. "Frolic," special service, 1871–3; "Brooklyn," European Station, 1873–5; Bureau of Steam-Engineering, 1875–7; Coast Survey steamer "Blake," 1877–9; Bureau of Steam Engineering, 1879–83; "Tallapoosa," special service, 1883–4; Asiatic Station, 1884–7; Bureau of Steam-Engineering, 1887–91; "Vesuvius," N. A. Station, 1891, to date.

George Cowie, Jr.—*Acting Third Assistant Engineer*, May 23, 1864; *Acting Second Assistant Engineer*, April 22, 1865. "Mayflower," special service, 1873–5; Coast Survey steamer "Gedney," 1875–7; "Alliance," Euro-

pean Station, 1877–80; Experimental Board, 1881–2; "Hartford," Pacific Station, 1882–4; C. S. S. "Blake," 1884–7; Navy Yard, New York, 1888–91; "Yantic," S A. Station, 1891, to date.

C. P. Howell.—Appointed from New York as *Cadet Engineer*, October 7, 1867. Graduated from Naval Academy, June, 1868; *Assistant Engineer*, August 15, 1870; *Passed Assistant Engineer*, December 3, 1876. Service, U. S. S. "Contoocook" (afterward "Albany"), North Atlantic Station, from October, 1868, to January, 1870; "Tallapoosa," special service July, 1870, to June, 1872; "Mayflower," June, 1872, to October, 1872; Navy Department, October, 1872, to May, 1873; "Alaska," European Station, August, 1873, to September, 1876; Experimental Board, New York, September, 1877, to November, 1878; "Tuscarora," Pacific Station, November, 1878, to June, 1880; "Ranger," Pacific Station, July, 1880, to June, 1882; "Alert," Asiatic Station, October, 1883, to September, 1886; receiving-ship "Minnesota," New York, July, 1887, to May, 1889; Board of Inspection of Merchant-Vessels, New York, June, 1889, to January, 1890; U. S S. "Baltimore, January, 1890–92; Assistant Inspector of Machinery of "Monterey," 1893; Navy Yard, New York, May, 1893, to date.

CHIEF ENGINEERS ON THE RETIRED LIST.

Retired after forty-five years' service, or on reaching the age of sixty-two years.

With relative rank of Commodore.

Benjamin F. Isherwood.—Born in New York. Appointed from New York, May 23, 1844; entered the service as *First Assistant Engineer;* stationed at Navy Yard, Pensacola, 1844–5; attached to steamer "General Taylor," Pensacola, 1846–7; special duty, 1848–50. Promoted to *Chief Engineer*, October 31, 1848; special duty, Navy Department, 1852–3; steam-frigate "San Jacinto," East India Squadron, 1854–8; special duty, 1859–60; appointed Engineer-in-Chief, 1861, which position he retained until 1869; Navy Yard, Mare Island, California, 1870–1; sick leave, 1873; special duty, 1874. Retired, June 6, 1884.

William H. Shock.—Born in Maryland. Appointed from Maryland, January 18, 1845; entered the naval service as *Third Assistant Engineer*, during the Mexican War; served on board the steamers "General Taylor," "Princeton," "Spitfire," and the frigate "Mississippi, in which vessels, at different periods, he participated in the capture of Tampico, under Commodore Connor, and Alvarado, Tuspan, Tlacotalpan, and Vera Cruz, under Commodore Perry. Promoted to *Second Assistant Engineer*, July 10, 1847; ordered to the steamer "Engineer," Home Squadron. Promoted to *First Assistant Engineer*, October 31, 1848; 1849, was Senior Engineer steamer "Legaré," Coast Survey; 1850–1, special duty at Philadelphia, superintending construction of machinery of steam-frigate "Susquehanna." Promoted to *Chief Engineer*, March, 1851; 1851–2, special duty, Boston, Massachusetts, superintending construction of machinery of steamer "Princeton;" 1853–4, Inspecting-Engineer of ocean steamers for United States mail service, and Chief Engineer of steamer "Princeton," Home Squadron; 1854–5, West Point, superintending construction of machinery for United States steam-frigate "Merrimac;" 1855–6, Chief Engineer, steam-frigate "Merrimac," Home Squadron; 1857–60, Chief Engineer, steam-frigate "Powhatan," East India Squadron; 1860–2, President of Examining Board of

Engineers; 1862–3, special duty at St Louis, superintending construction of river monitors; 1863–5, Fleet-Engineer, West Gulf Squadron, participating in the capture of Forts Gaines and Morgan, under Admiral Farragut, and the Spanish Fort and city of Mobile, under Admiral Thatcher; 1865–6, Chief Engineer of Boston Navy Yard; 1867–8, Chief Engineer of Washington Navy Yard; 1868–9, Fleet-Engineer of European Squadron; 1869–70, Inspector of Machinery Afloat, and member of Board of Visitors to Naval Academy at Annapolis, Maryland; in the summer of 1870, was appointed Acting Chief of Bureau of Steam-Engineering, retiring from the office with the written thanks of the Department for the efficient manner in which the duties of the Bureau were discharged; in 1871, was again called to take temporary charge of the Bureau of Steam-Engineering, and on retiring from the position was actively employed on other duty in the United States until 1873, when he was ordered to Europe on a tour of inspection of public and private dock-yards, and to represent the Bureau of Steam-Engineering at the International Exhibition at Vienna, and by direction of the President was appointed one of the American Judges of Awards; returning from Europe, was detailed to other duty until March 3, 1877, when he was appointed and confirmed *Engineer-in-Chief* of the United States Navy, and served until he was retired, June 15, 1883.

Theodore Zeller.—Born in New York. Appointed from New York, *Third Assistant Engineer* in the United States Navy, June 15, 1843, and ordered to duty on board the frigate "Missouri," for a cruise which terminated at Gibraltar, September 26, 1843, by the loss of the ship by fire; July 20, 1844, ordered to duty on board the steamer "Colonel Harney," stationed in the Gulf of Mexico and in the rivers of Florida and Louisiana, for the protection of live-oak timber, until February 21, 1846; March 23, 1846, ordered to duty in the Bureau of Construction, Equipment, and Repairs, as Assistant to the Engineer-in-Chief; remained until October 23, 1846. Examined, passed, and promoted to the grade of *Second Assistant Engineer*, February 17, 1847; March 23, 1847, ordered to the steamer "Union," at Washington, and detached, May 25, 1847, as the vessel was condemned as unfit for service; October 20, 1847, ordered to the steamer "Iris," as Senior Assistant Engineer, and after three months as Acting Chief Engineer until the termination of the war with Mexico; detached, December 18, 1848; April 18, 1849, ordered to the Pacific Ocean, to join the "Massachusetts" as Senior Engineer; this vessel had been detailed for special service with a joint commission of army and navy officers to select a site for a navy yard in California, and sites for fortifications on the coast of California and Oregon; the discovery of gold in California rendered it impossible to obtain white seamen for the wages then allowed, and natives of the Sandwich Islands and Chinese, none of whom could speak English, were with difficulty obtained to compose a crew; with these the bays, straits, and inlets of California and Oregon were explored, and the object of the commission was accomplished. Promoted to the grade of *First Assistant Engineer*, November 6, 1849, while on the last-mentioned cruise; detached, March 25, 1853; October 18, 1853, ordered as Senior Assistant Engineer of the frigate "Saranac;" made the cruise with this vessel, and returned to the United States from the Mediterranean, June 26, 1856. Examined and promoted to the grade of *Chief Engineer*, August 15, 1856, with date of June 27, 1855; August 12, 1857, ordered to the frigate "Saranac" for duty in the Pacific Ocean; detached, November 19, 1859, and returned to the United States; December 31, 1859, ordered to Erie, Pennsylvania, to superintend repairs to the steamer "Michigan;" November

19, 1860, appointed member of a Board on the "Michigan," to make a series of important experiments with steam; after the completion of these, was ordered again to the "Michigan," for duty on the Lakes; June 3, 1861, detached from the "Michigan," and ordered to New York, to superintend the building of machinery for gunboats, screw sloops-of war, iron-clads, and other vessels, upon which, with other duties, he was engaged up to May 19, 1863, when he was appointed Fleet-Engineer of the Eastern Gulf Squadron with rank of Captain, and remained upon the staff of Rear-Admiral Theodore Bailey, until September 1, 1864, when the Department permitted him to return North to recruit his health, after severe illness from yellow fever; he was, however, immediately ordered to the North Atlantic Squadron, and reported to Admiral David D. Porter for duty, on the 5th of October, as Fleet-Engineer, on which duty he remained until the close of the war; in a letter to the Secretary of the Navy, dated August 6, 1864, Rear-Admiral Bailey, then in command of the Eastern Gulf Blockading Squadron, speaks in very complimentary terms of the services of Mr. Zeller as Fleet-Engineer, and in the following month, Hon. Gideon Welles, Secretary of the Navy, sent a letter to Chief Engineer Zeller, then in New York, in which he expresses his gratification at the efficient and satisfactory manner in which that officer had performed his duties as Fleet-Engineer; August 9, 1865, ordered to the Philadelphia Navy Yard as Chief Engineer; detached from that station, March 10, 1869; ordered to special duty at New York, July 8, 1869; and detached on April 11, 1874, when he was ordered to report to Chief Engineer B. F. Isherwood, U. S. Navy, for duty connected with preparing reports on performances of vessels during the war; November, 1875, ordered in conjunction with Chief Engineer Isherwood to proceed to Europe and examine the dock-yards, vessels, and professional methods of the British, French, and Italian navies, also the large private engineering establishments of Western Europe; early in the year 1877, ordered as member of the Experimental Board, which was permanently employed in experimenting with and reporting upon a great variety of steam-engines, boilers, propellers, and vessels, including all new inventions and improvements in machinery, and in investigating the economic laws of steam and other fluids used in the production of power, various methods of forced draught for boilers, etc., etc.; October 6, 1884, became President of the Board, and made important experiments and reports on the laws of steering by rudder and by propeller, and on completing this service, having attained the age of 62 years, he was, according to law, transferred to the list of retired officers of the navy with the rank of Commodore, on December 1, 1885.

Montgomery Fletcher.—Born in Virginia. Appointed from Pennsylvania, June 25, 1850. Entered the service as *Third Assistant Engineer*; Coast Survey, 1850–1, Promoted to *Second Assistant Engineer*, February 21, 1851; special duty, Norfolk, 1852–3; steam-frigate "Saranac," Mediterranean Squadron, 1854–6. Promoted to *First Assistant Engineer*, June 21, 1856; office of Engineer-in-Chief, 1857; steam-frigate "Wabash," Home Squadron, 1857–8. Promoted to *Chief Engineer*, October 25, 1859; steam-frigate "Saranac," Pacific Squadron, 1861–5; special duty, New York, 1866; Navy Yard, Mare Island, California, 1867–71; Fleet-Engineer, Pacific Squadron, 1871–3; Inspector Machinery Afloat, Mare Island, 1873–6; Navy Yard, Mare Island, 1877–8; member Board of Inspection, California, 1884–90; Bureau of Steam-Engineering, 1890, until date of retirement, February 15, 1892.

David B. Macomb.—Born in Tallahassee, Fla. Appointed from Pennsylvania, January 11, 1849, as *Third Assistant Engineer*; office of Engineer-in-Chief, 1849–50; steamer "Bibb," Coast Survey, 1850–1. Promoted to *Second Assistant Engineer*, February 26, 1851; steamer "Bibb," Coast Survey, 1851–2; steamer "John Hancock," Exploring Expedition to the North Pacific, China and Japan Seas, 1853–5. Promoted to *First Assistant Engineer*, June 26, 1856; steam-frigate "Wabash," flag-ship, Home Squadron, 1856–7; steam-frigate "Saranac," Pacific Squadron, 1858–9. Promoted to *Chief Engineer*, September 21, 1860; steam-frigate "Niagara," sent to convey the Japanese Ambassadors to Yeddo, Japan, 1860; returned to the United States, April 23, 1861; and was the first war-ship on the blockade off Charleston, S. C.; at the bombardment of Pensacola Navy Yard, and reduction of Fort McCrae, November, 1861; made and applied the first fresh water maker in any vessel of U. S. Navy; special duty connected with building iron-clads, Boston, 1862; iron clad monitors "Nahant," and "Canonicus," James River Fleet and North Atlantic Blockading Squadron, 1863–65; iron-clad monitor "Canonicus," at the reduction of Howlett's House battery, James River, June 21, 1864; at the battles of Dutch Gap and Deep Bottom, August 13, 1864; in the "Canonicus," at Fort Fisher, December 24 and 25, 1864; at the final reduction and occupation of that place by the combined army and naval forces, January 14, 15, and 16, 1865; from thence to Charleston, S. C.; at the evacuation by the rebels and occupation by United States forces of that city, February 18, 1865; the iron-clad "Canonicus," throwing the last hostile shot at the defences of that place; "Canonicus" sent in pursuit of rebel ram "Stonewall; went to Havana, Cuba, June, 1865; first American iron-clad that ever entered a foreign port; special duty, Baltimore, 1866; Navy Yard, Pensacola, 1867; Navy Yard, Portsmouth, 1868–70; steam-sloop "Tennessee," special service, 1870–1; Fleet-Engineer, N. A. Fleet, 1871–3; Navy Yard, Portsmouth, N. H., 1873–7; Fleet-Engineer, N. A. Station, 1877–9; President of the Statutory Board of Appraisal and Survey, and in charge of stores, Portsmouth, N. H., 1880–3; Navy Yard, Boston, Mass., 1884–9. Retired, February 27, 1889, with relative rank of *Commodore*, according to Paragraph 1481, Revised Statutes of the United States, having arrived at the age of sixty-two years, and served forty years and over in active service.

Edward Durham Robie.—Born in Burlington, Vermont. Appointed *Third Assistant Engineer* in the Navy, from Binghamton, N. Y. February 16, 1852; from March 4, 1852, until April 28, 1855, served in the steam-frigate "Mississippi," which was the flag-ship of Commodore M. C. Perry, in the Japan expedition; erected and operated the first line of telegraph and took the first daguerreotypes at Napha, Lew Chew, and assisted in building the first steam railroad and in running the first locomotive in Japan; circumnavigated the globe in the "Mississippi;" in June, 1855, was promoted and served on Board U. S. S. "Michigan," on the lakes, from Sept., 1855, until March, 1856, when transferred to the steam-frigate "Susquehanna," which was employed on the European Station, and as convoy for the "Niagara," while laying the first ocean telegraph cable across the Atlantic; after the failure of that attempt in 1857, the "Susquehanna" was sent to Greytown, Nicaragua, to capture Walker's Filibusters, and remained there until a yellow fever epidemic compelled return to New York, in April, 1858; in July, 1858, was promoted to *First Assistant Engineer*, and in September went to Liberia, Africa, in the U. S. S. F. "Niagara," to return captured slaves; in March, 1859, joined the flag-ship "Lancaster" at Philadelphia, and doubled

Cape Horn in that vessel; was transferred at Panama to the U. S. S. F. "Saranac," as *Senior Engineer*, during the search for the lost sloop of war "Levant," in 1860; returned to New York in September, 1861, and was commissioned as *Chief Engineer*, with date of July 30, 1861; in October, 1861, joined the U. S. S. "Mohican" and served in that vessel during the capture of the forts at Port Royal, S. C., Brunswick, Georgia, Fernandina, Fla, and on blockading duty; returned to New York in July, 1862, and was employed there on special duty, as inspector of the construction of the ocean monitor "Dictator's" hull and machinery, until the winter of 1863–4, when took charge of Ericsson torpedoes in steamship "Ericsson," for removing obstructions in the harbor of Charleston, S. C.; was Chief Engineer of the "Dictator" in 1864-5, and also member of many Boards of Inspection, Courts Martial, etc., in various places; was Member of Board of Examiners for Naval Engineers, from December, 1865, until October, 1866, and then went to Pacific Station via Strait of Magellan in U. S. S. "Ossipee," and joined the flag-ship, "Pensacola," as Fleet-Engineer of the N. Pacific Station; returned to New York, via Panama, in March, 1869, and served as Senior Engineer Member of Board to examine and report the condition of vessels at the Navy Yards on Atlantic Coast; was Inspector of Machinery afloat at Navy Yard, Boston, 1869–71; Fleet-Engineer, European Station in flag-ship "Wabash," 1871–74; Fleet-Engineer of the N. Atlantic Station, and of the combined fleets at Key West, and in the Gulf of Mexico, in 1874; in charge of Steam Engineering Department of Navy Yard at Norfolk, Va. 1874–7; special duty at Pittsburg, Pa., Cold Spring, N. Y., and President of the Board to determine best Steam Stearing gear for use in the Naval Service, from 1877 to 1879; Fleet-Engineer of the Pacific Station, 1879–81, in U. S. F. S. "Pensacola;" in charge of the Steam-Engineering Department of the Navy Yards at Boston, Mass., 1881–4; Brooklyn, N. Y., 1884–7, and Norfolk. Va., 1887–91; special inspecting duty and duty at the Bureau of Steam-Engineering, Navy Department, Washington, D. C, 1891–3, and until placed on the retired list on account of age, with the relative rank of Commodore, from September 11, 1893.

With relative rank of Captain.

George Sewell.—Born in New York, December 17, 1823. Appointed from New Jersey, March 13, 1847; attached to steamer "Scorpion," as *Acting Second Assistant Engineer;* upon his arrival at Vera Cruz, passed a successful examination, and was appointed *First Assistant Engineer* in the regular service; was at the capture of Tobasco, and as a volunteer at the battle of Tamaltay, three miles inland from Tobasco; was then ordered to the "Vixen," in charge of the engine department of that steamer, at which time the machinery of the "Vixen" was in a most dilapidated condition from constant service upon the coast; and no machine shop being available for repairs on the Mexican Coast. Engineer Sewell was compelled to execute the mechanical portion of the necessary work with his own willing hands, and once more the "Vixen" was made ready for any service; shortly after, however, the Kingston valve-connection with her bottom gave out, causing her to leak so badly as to be unseaworthy and worthless, like her sister ship, "Spitfire," which had been laid up in the Alvarado River as useless for eight months, owing to leaky Kingston valve-connections with her bottom; the natural aptitude of Engineer Sewell for his profession, however, quickly applied a remedy, which restored both the "Vixen" and "Spitfire" to a seaworthy condition, and that, too, without the aid of a dry-dock, a thing

not to be had in that country at the time; thus giving to the government two valuable steamers in time of war, that otherwise would have been useless; ordered to the steamer "Mississippi," 1849; detached, to superintend the construction of the machinery of the steamer "Powhatan," 1849–52. Commissioned as *Chief Engineer*, March 11, 1851; attached to "Powhatan," East India Squadron, *i. e.*, the Perry Japan Expedition, 1853–6; on the passage out to Japan, the boiler connections with the bottom of the ship became defective and leaky to an extent that put her in an unseaworthy condition by the time she reached Singapore; there being no dry-dock to be had in that locality, Engineer Sewell successfully applied the remedy that restored the "Vixen" and "Spitfire" to a seaworthy condition during the war with Mexico, and she proceeded on her journey, thus saving to the government the finest steam-frigate afloat at that date; July 7, 1855, while entering the harbor of Hong Kong, the "Powhatan" met with a serious accident, which, in ordinary parlance, would render the starboard engine useless for many weeks by the destruction of her air-pump machinery; the strained diplomatic relations with Spain, owing to the "Black Hawk" difficulty, made it imperative, if possible, that the "Powhatan" should capture the Spanish war steamer "Hookewan," then in Hong Kong, should the mail, then due, bring hostile news; in this emergency Engineer Sewell rigged up a connection between the two engines, so that the port engine did the condensing of steam for the disabled starboard engine, and within forty-eight hours after the accident the "Powhatan" was ready for any duty; the final repairs, however, required about ten weeks, most of the work being done on board ship; several officers were present from the English war-steamer "Rattler," upon a trial trip to test the success of Engineer Sewell's impromptu "fixin'," which proved a success; when Chief Engineer John Bonney, of the "Rattler," observed to Captain McCluney, commanding the "Powhatan," "Why sir, if Sewell was in her Majesty's service, she would knight him for his clever trick." Inspector of Ocean Steamers, etc., 1857–8; special duty, San Francisco, 1858–60; building machinery for steamer "Saginaw," being the first war-steamer built in that country; ordered to steamer "Richmond," June, 1860; detached, and ordered to steamer "Susquehanna," European Station; "Susquehanna" returned in 1861; it was in her that he was at these places: 1861, at the capture of Hatteras and Port Royal; the bombardment of Sewell's Point, Va.; the capture of Norfolk; duty in the West Gulf Blockading Squadron, and capture of Fernandina, Fla., 1862–3; general inspector of machinery, constructing outside of navy yards, excepting light-draught monitors, 1864–5; immediately upon the receipt of news of the destruction of the "Housatonic," off Charleston, by a torpedo-boat, Engineer Sewell wrote to the Navy Department suggesting, as a means of protecting our blockading vessels from a repetition of such a disaster, that small steamers, such as tug-boats, etc., be employed to steam-guard at night around our vessels; each guard-boat to be supplied with a powerful calcium-light, which would enable them to watch the inlets and creeks from whence these infernal machines would endeavor to sneak out, when they could be run down and destroyed; the Navy Department sent Engineer Sewell a letter of thanks for the suggestion, dated March 24, 1864, and immediately put forth herculean efforts to secure tugs, etc., for the service, and to improvise what is now known as the steam-launch; and the little steamer with which the gallant Cushing destroyed the rebel ram "Albemarle," was the out-come of Sewell's suggestion; in fact Sewell may be fairly entitled to the claim of inventor of the now popular and indispensable steam-launch; Fleet-

Engineer, North Atlantic Squadron, 1865–8; special duty, Newburg, N. Y., March, 1868. to April, 1869; Chief Engineer, Navy Yard, N. Y., 1869–72; Inspector of Machinery Afloat, at New York, 1875–6; special duty, Inspector of Foreign Steamers, at New York, 1877–8; Chief Engineer, Navy Yard, Norfolk, 1878–85; special duty, New York. Placed on retired list, December 17, 1885.

James W. King.—Born in Maryland, and appointed from that State, September 2, 1844, as *Third Assistant Engineer;* served in all the first small steamers owned by the navy, the "Fulton," original steamer excepted; he was attached to the "Mississippi" in 1846–7, during the war with Mexico, and participated in the capture of all the towns on the Mexican coast, taken by the navy, except one. In 1847, he was transferred to the "Princeton," sent in search of Mexican privateers, that ship being then the first screw-ship of war of any nation to cross the Atlantic; returning home in 1849, he was, in 1850–2, attached to the "Saranac," Home Squadron, and the "Michigan," Northern Lakes. Having passed the three succeeding examinations, and served through the three grades of Assistant, he was, in 1852, promoted to a *Chief Engineer*, and soon thereafter appointed, under a law of Congress, Inspector of Ocean Steamers at the port of New York, hulls, machinery, boats, and equipments of the Collins & Law Lines, carrying the United States Mails. In 1855 he was transferred to Philadelphia to superintend the construction of the machinery for the "Wabash," one of the largest ships then in the navy, and served in her the first cruise. April, 1858, he was appointed the Chief Engineer of the Navy Yard, New York, in charge of all the machinery in the yard, and served until April, 1861; during that time he organized the Engineer Department, and introduced many improvements and labor-saving machines in all departments. From the latter date until June, 1862, he was Chief Engineer of the Atlantic fleet, and participated in the capture of the forts at Hatteras, under Admiral Stringham, and the forts at Port Royal, under Admiral DuPont. In 1863 he was appointed superintendent of the hulls of all iron vessels and their machinery, building west of the Alleghanies. In leaving the fleet for this duty, Admiral DuPont wrote to him: "Your services have been of great value to the squadron, and I part with you reluctantly." The Captain of the fleet, C. R. P. Rodgers, wrote: "Chief Engineer King impressed me with the conviction of his thorough professional knowledge, fertile in resource, always clear and intelligible, always ready for service." The duties on the Western rivers covered the construction of vessels and their machinery, costing in the aggregate, when completed, about seven millions of dollars, spread over some nine hundred miles, thus involving the necessity of traveling from place to place by night, and working by day. January, 1865, he was ordered to examine and report on the condition of all contracts for iron naval vessels and machinery under construction. The order issued by the Secretary of the Navy, assigning him to this duty, contained the following paragraph: "It is deemed best that an engineer of approved integrity, and rigid and critical ability, should visit in detail every place outside the navy yards, where contract work is being executed for the navy, and after a personal and careful examination, report the condition of all such work, and whether it is equal in every respect to the specifications of the contracts. You are hereby selected for this important duty, on which you will enter the second proximo. You will make separate reports for every contract, and address them to the Secretary of the Navy." Under this order he examined and reported on the condition of the hulls of thirty-two monitors and their

machinery, nine iron-screw tugs and machinery, thirty-one pairs of marine screw-engines, boilers, etc., in different localities, from Portland, Maine, to St. Louis, Mo. In 1866–7 he was again the Chief Engineer of the Navy Yard, New York. During this term a great number of steamers that had been employed on the blockade were sent to that yard for repairs, or to be sold, there being as many as seventy-seven vessels entered on the books, and eight hundred men employed under his orders. The duties connected with these ships, together with those of fitting up a new foundry, smithery, and other appliances, were greater than the work at the yard during the war. In retiring from this navy yard, after the second term, to enter on special duty, Rear-Admiral C. H. Bell, the Commandant of the Station, wrote: "Chief Engineer King cannot be surpassed as an engineer. His deportment to those under his command is decided and firm, causing respect and esteem. I regret the loss of an intelligent companion and officer." March 15, 1869, President Grant appointed him Chief of the Bureau of Steam Engineering, in the Navy Department. On the confirmation of this nomination by the Senate Ex-Assistant Secretary of the Navy, G. V. Fox, wrote: "I congratulate you upon an appointment that will add to your reputation, and give to the government capacity and honesty." Soon after entering upon the duties of this office, the system of propulsion by double expansion, or compound engines, was being introduced into European ships, and in order to be thoroughly informed of the types employed, and to take advantage of the vast experience of the British constructing engineers, under whose direction the machinery for immense fleets is put afloat yearly, he proceeded to Europe and made a careful investigation of the progress under way, and the results obtained; in his report he recommended the compound system for all naval vessels (since superseded by the triple-expansion engine), and he introduced the system into the ships then building. He also succeeded in getting the Naval Academy opened for the education of cadet engineers—two measures of importance for the navy.

On retiring from this office, March, 1873, the Secretary of the Navy wrote: "I embrace the opportunity to thank you for your able and efficient administration of the Bureau during the four years just past, and, in severing our official connection, to assure you of my continued personal esteem, and my wish for your continuing health and prosperity." March, 1873, he was appointed General Inspector of Engineering Works, and sent to Europe to collect information of useful appliances for the Navy; also to visit and report on machinery at the Vienna Exposition, In 1874 he was employed on duties in the United States. In 1875–6, was again in Europe, under orders to examine and report on ships of war and the mercantile marine. The result of this tour was published, by order of the U. S. Senate, in a report called "European Ships of War," two editions, 1877 and 1878, and it was re-printed in England with advantage to the appropriator. In 1880 he published an illustrated volume entitled "The War Ships and Navies of the World." This book was favorably criticised in the papers, attracted much notice in England, and was quoted from in the House of Commons as the best authority at that date. His last station was four years of service at the Navy Yard, Boston. In summing up the duties of this officer it will be seen that he filled with satisfaction to the Navy Department, every position to which an engineer officer of the navy can be called. In addition to the regular assigned duties, he was a member of the Army, Navy and Coast Survey Board of Officers, in 1867, to examine and decide on League Island as a site for a navy yard. Before serving as a member of this Board, he

had, by order of the Secretary of the Navy, visited the dock-yards of England and France, and furnished a report with maps (printed by order of Congress), showing the location and extent of each yard, also the position of the docks and buildings, with descriptions of the more important machinery and appliances. After the report of the Board was submitted to the Department, and before the site had been accepted, he was selected to see that the boundary line between the government land and the city was correctly located, and a drawing furnished. The same year he was a member of a Board of Officers to decide on the claims of contractors for *increased cost occasioned by action of the government*, on forty-five naval vessels, built during the war, and, in 1868, he was a member of a Board to appraise for sale vessels at New Orleans, Cairo, Philadelphia, New York and Boston. In 1866 he was a member of the Army and Navy Board of Officers to examine the harbor and adjacent waters of Portland, Maine, to ascertain if the construction of a fresh-water basin for use of iron vessels was feasible, and he wrote the report; in 1876 he was a member of the Board of Naval Officers to examine the navy yards, to ascertain if any one of them could be dispensed with—all authorized by Congress. Besides the above-named, he served on many other Boards of Officers, as president or member, to decide upon questions of interest and importance to the naval service. Chief Engineer King was one of, if not the first officer of the navy, to advocate and take a decided stand in favor of iron and steel for the hulls of U. S. naval vessels, in opposition to the views of the senior constructors and many other officers. As may be seen by reference to his various official reports, embracing facts and figures, showing the advantage of iron and steel over wood as materials for ship-building, special attention of the Navy Department was called to the subject in his reports as Chief of Bureau, 1871–2, and overwhelming proof was produced in his report on "European Ships of War," 1878, pages 160, 161 and 162; also in his work, "The War Ships and Navies of the World," pages 516 to 522. These publications, together with his descriptions of the various new types of foreign war ships, and comments on our obsolete types of wooden vessels, had influence in showing the necessity of building a new fleet of modern ships commensurate with the wealth, extent and dignity of the country, and of types having no superiors in speed or power of offence and defence.

Edwin Fithian.—Born in New Jersey. Appointed from Pennsylvania, October 31, 1848; entered the service as *Third Assistant Engineer;* special duty, Boston, 1849–50. Promoted to *Second Assistant Engineer,* February 26, 1851; steam-frigate "Susquehanna," East India Squadron, 1851–5. Promoted to *First Assistant Engineer,* May 21, 1853; special duty, Richmond, 1856; steam-frigate "Susquehanna," Mediterranean Squadron, 1856–8; special duty, Philadelphia, 1859; steam-sloop "Narraganset," Pacific Squadron, 1859–61. Promoted to *Chief Engineer,* October 23, 1859; special duty, New York, 1862–3; steam-frigate "Roanoke," North Atlantic Blockading Squadron, 1863–5; special duty, New York, 1866–8; Fleet-Engineer, European Fleet, 1869–71; Navy Yard, Washington, 1871–6; special duty, Bureau of Engineering, 1876–7; Fleet-Engineer, European Station, 1877–9; special duty, New York, 1880–2. Retired, December 13, 1882.

Charles Harding Loring.—Entered the service as a *Third Assistant Engineer,* December 26, 1851; made a *Second Assistant Engineer,* May 21, 1853; a *First Assistant Engineer,* May 9, 1857, and a *Chief Engineer,* March 25, 1861; served as Engineer of the fleet in the North Atlantic Squadron from May, 1861, to October, 1862, during which time he took part in the

capture of Forts Hatteras and Clark, and in the battle with the iron-clad "Merrimac" in Hampton Roads, on the 8th and 9th of March, 1862; was engaged during the remainder of the war period in the construction of monitors on Western rivers; for two years General Inspector of iron-clad vessels building West of the Alleghanies; appointed Chief of the Bureau of Steam Engineering by President Arthur in 1884; after retiring from this position, completed term of active service as President of the Experimental Board at the New York Navy Yard; on December 26, 1890, retired, having reached the limit of age for the active list.

Stephen D. Hibbert.—Born in Virginia. Appointed from Virginia. Entered the service as *Third Assistant Engineer;* steam-frigate "Susquehanna," East India Squadron, 1851–5. Promoted to *Second Assistant Engineer*, May 21, 1853; steamer "Michigan," on the Lakes, 1856–7. Promoted to *First Assistant Engineer*, May 9, 1857; steam-frigate "Merrimac," Pacific Squadron, 1857–9. Promoted to *Chief Engineer*, June 29, 1861; special duty, 1861; steam-sloop "Pensacola," West Gulf Blockading Squadron, 1861–3; Fleet-Engineer, Gulf Squadron, 1862, to July, 1863; special duty, Bureau of Steam-Engineering, 1863–7; Fleet-Engineer, Asiatic Fleet, 1868–70; Navy Yard, Philadelphia, 1871–2; President of Board of Examiners, 1872–4; Fleet-Engineer, South Pacific Station, 1874–7; President of Board of Examiners, 1877–82; member of Board of Examiners, 1882–4; Navy Yard, Norfolk, 1884–7; inspection duty, Wilmington, 1887–9. Retired, August 24, 1889.

W. S. Stamm.—Born in Pennsylvania, December 1, 1825. Appointed from Delaware, February 26, 1851; entered the service as *Third Assistant Engineer;* Coast Survey, 1851–2; steam-frigate "Powhatan," in the Home and East India Squadrons, 1852–6. Promoted to *Second Assistant Engineer*, May 21, 1853; frigate "Wabash," 1856–7. Promoted to *First Assistant Engineer*, May 9, 1857; special duty in fitting out steam-frigate "Niagara," 1857, and on duty on board, 1858, while engaged in laying the Atlantic telegraph cable (for which received gold medal from Chamber of Commerce of New York); also on duty while returning captured slaves from Fort Sumter, S. C., to the care of the Monrovian Government of Africa; steam-sloop "Hartford," East India Squadron, 1859–61. Promoted to *Chief Engineer*, July 29, 1861; steam-sloop "Canandaigua," South Atlantic Blockading Squadron, 1862, to January, 1864; detached on temporary duty as member of Examining Board of Naval Engineers, at Port Royal, S. C., to June, 1864, and then superintendent of the repairs of the iron-clads off Charleston, S. C., to October, 1864; special duty, Newburgh, New York, 1864–8; Fleet-Engineer, Pacific Fleet, 1868–71; Inspector Machinery Afloat, Philadelphia, 1872–4; President of Examining Board, Philadelphia, 1874–5; Fleet-Engineer, Pacific Station, 1876–8; member of Examining Board, 1878–81; Fleet-Engineer, European Station, 1881–4; special duty, at Wilmington, Delaware, 1884–7. Retired, December 1, 1887.

George R. Johnson.—Born in Virginia. Appointed from Virginia. Entered service as *Third Assistant Engineer*, February 16, 1852; steamer "Princeton," Home Squadron, 1852–4; special duty, Norfolk, 1855–6. Promoted to *Second Assistant Engineer*, February 27, 1855; frigate "Merrimac," special cruise, 1856; frigate "Roanoke," 1857; frigate "Niagara," 1858. Promoted to *First Assistant Engineer*, July 21, 1858; special duty, Bureau of Construction, 1860. Promoted *Chief Engineer*, July 31, 1861; steam-sloop "Lancaster," Pacific Squadron, 1861 to 1864; special duty at Chester, Pennsylvania, and Wilmington, Del., 1864 to 1867; Inspector

Philadelphia Navy Yard, 1867–9; iron-clad "Dictator," 1869–70; League Island Navy Yard, 1870–2; Fleet-Engineer of South Pacific Station, 1872–4; on board the flag-ship "Pensacola," flag-ship "Richmond," South Pacific Station, 1874; special duty at Wilmington, Del., building (iron-clad) "Amphitrite," 1874–7; Fleet-Engineer, South Atlantic Station, on board "Hartford," 1877–9; special duty, Wilmington, Del., 1879–84; Fleet-Engineer, European Station, on board "Lancaster," 1884–6 (part of the cruise was made on South Atlantic Station); Inspector of new cruisers building in Baltimore, Md., 1887–90. Retired, November 9, 1890.

Charles Henry Baker.—Born in Salem, Massachusetts, January 16, 1831. Entered the navy as *Third Assistant Engineer*, August 2, 1855; flag-ship "San Jacinto," East India Squadron, 1855–8; engaged in capture of Barrier Forts, near Canton, China, 1856. Promoted to *Second Assistant Engineer*, July 21, 1858; steamer "M. W. Chapin" (afterward called "Anacostia"), Brazil Squadron and Paraguay Expedition, 1858–9. Promoted to *First Assistant Engineer*, August 2, 1859; steamer "Mystic," African Squadron, 1859–61; special duty at Boston Navy Yard, 1861. Promoted to *Chief Engineer*, October 29, 1861; steam-sloop "Wachusett," 1862; engaged in siege of Yorktown and operations in York and James Rivers, Virginia, 1862; captured by rebels while assisting in medical relief of rebel sick at City Point, Virginia, May 19, 1862; detained as prisoner of war, at Salisbury, North Carolina, and at Richmond, Virginia, three months; member of Examining Board, 1862–3; special duty in construction of machinery and iron vessels, Boston, 1863–7; Fleet-Engineer, South Atlantic (Brazil) Squadron, flag-ship "Guerriere," 1867–9; naval station, Mound City, Ill., 1870; U. S. S. "Worcester," 1871–2; special duty in Bureau of Steam Engineering, 1872–3; Naval Academy, 1873–78; Fleet-Engineer, Asiatic Station, 1877–81; charge of stores, Navy Yard, Boston, 1881–4; Navy Yard, Washington, 1884–6; "Lancaster," S. A. and European Station, 1886–9; Experimental Board, New York. 1890–91; Navy Yard, Norfolk, Va., 1891–92. Retired, January 16, 1893.

With relative rank of Captain.

Henry Beauchamp Nones.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, U. S. Navy, September 23, 1853; ordered to U. S. Coast Survey steamer "Legaré;" detached and ordered to special duty in connection with building machinery of U. S. S. frigate "Merrimac," December 13, 1854; Navy Yard, Boston, Mass., December 3, 1855; reported for duty on board U. S. S. frigate "Merrimac," December 12, 1855; resigned from Navy, August 19, 1856; employed in U. S. Coast Survey until breaking out of Rebellion. Appointed *Second Assistant Engineer*, U. S. Navy, May 28, 1861. Examined and promoted *First Assistant Engineer*, July 1, 1861; U. S. frigate "Roanoke," June 1, 1861; ordered to take passage in U. S. S. "Brooklyn" for duty on board U. S. S. frigate "Niagara," January 22, 1862; U. S. S. "Powhatan," June, 1862; detached, May 16, 1863, and ordered temporarily to U. S. S. frigate "Wabash," as Fleet-Engineer, S. A. Squadron; U. S. S. "Ascutney," 1863–5. Commissioned as *Chief Engineer*, December 14, 1864; U. S. S. "Connecticut," 1865; special duty, "Wilmington," 1866; "Iroquois," Asiatic Fleet, 1867–70; special duty, "Philadelphia," 1871; U. S. S. "Juniata," European Station, 1872–5; Member of Board of Examiners, 1876–80; U. S. S. "Galena," European Station, 1880–3; Member Board of Examiners, 1884–6; President Board of Examiners, 1886–7; U. S. S. "Richmond," N. A. Station, 1887–90; Fleet

Engineer, 1888–90, S. A. Station; Navy Yard, League Island, December, 1890–91; Examining Board, 1891–2. Retired, May 15, 1892.

With relative rank of Lieutenant-Commander.

Daniel P. McCartney.—Appointed *Third Assistant Engineer*, July 1, 1861; steamer "Louisiana," North Atlantic Station, 1861–2; "Montauk" (iron-clad), South Atlantic Station. Promoted *Second Assistant Engineer*, December 18, 1862; steam-sloop "Shenandoah," North Atlantic Station, 1862–5. Promoted *First Assistant Engineer*, January 30, 1865; "Shamokin," Brazil Squadron, and "Monocacy," China Squadron, 1865–8; Navy Yard, Norfolk, Va., 1868–9; "Frolic," special service, 1869–70; Navy Yard, Washington, 1870–1; flag-ship "Wabash," European Sqadron, 1871–2; "Plymouth," European Squadron, 1872–3; Navy Yard, Philadelphia, 1873–74. *Passed Assistant Engineer*, February 24, 1874; "Gettysburg," special service, 1874–5; "Tallapoosa," special service, 1875–6; Navy Yard, Washington, 1876–80; "Despatch," special service, 1881. Promoted *Chief Engineer*, August 22, 1881; "Essex," Pacific and China Squadron, 1881–5; Navy Yard, Washington, 1885–7; "Nipsic," Navy Yard, Brooklyn, 1877; "Galena," North Atlantic Station, 1888–90; special duty, 1890 to date of retirement, November, 1892.

Benjamin F. Wood.—Born in the State of New York. Appointed a *Third Assistant Engineer*, July 1, 1861; U. S. S. "Lancaster," Pacific Squadron, 1861–2; special duty, New York, 1862; U. S. monitor "Lehigh," 1863; U. S. S. "Sassacus," North Atlantic Squadron, 1863–4; U. S. S. "Mahongo," Pacific Squadron, 1864–7; Mound City Station, Ill., 1867–8. Promoted to *Second Assistant Engineer*, April, 1863. Promoted to a *Passed Assistant Engineer*, October, 1866; U. S. monitor "Dictator," North Atlantic Squadron, 1869–70; Navy Yard, New York, 1871–2; U. S. S. "Juniata," 1873; China Station, 1873–6; Navy Yard, New York, 1877–80; U. S. S. "Trenton," European Squadron, 1880–1; Morgan Iron-Works, New York, 1882–4. Promoted to *Chief Engineer*, December, 1883; special duty, Chester, Pennsylvania, 1884–5; U. S. S. "Kearsarge," European Squadron, 1885–6; U. S. S. "Ossipee," North Atlantic Squadron, 1887–8; Continental Iron-Works, Brooklyn, 1888–92. Retired, October 6, 1892.

Retired on his own application after forty years' service.

Francis C. Dade.—Born in Virginia. Appointed from Virginia, January 20, 1849; entered the service as *Third Assistant Engineer;* steamer "Water-Witch," Home Squadron, 1849–50; steam-frigate "Saranac," Home Squadron, 1851–2. Promoted to *Second Assistant Engineer*, February 26, 1851; Coast Survey, 1852–3. Promoted to *First Assistant Engineer*, May 21, 1853; steam-frigate "Saranac," Mediterranean Squadron, 1853–6; Coast Survey, 1857; special duty connected with the "Colorado," 1858; special duty, Boston, 1859; steam-sloop "Hartford," East India Squadron, 1859–61. Promoted to *Chief Engineer*, June 30, 1861; steam-sloop "Oneida," West Gulf Blockading Squadron, 1862–3; passage of Forts Jackson and St. Philip, and capture of New Orleans; passage of the batteries at Vicksburg; special duty, Philadelphia, 1864–5; steam-sloop "Canandaigua," European Squadron, 1866–7; member Board of Examiners, 1866–8; Inspector of Machinery Afloat, Norfolk, 1869–72; steam-sloop "Lancaster," North Atlantic Station, 1873–4; charge of stores, Norfolk, 1874–7; Fleet-Engineer, Pacific Station, 1877–9; special duty, Delaware Iron-Works, 1883. Retired, January 26, 1889.

William B. Brooks.—Born in Virginia. Appointed from Virginia, February 16, 1852, a *Third Assistant Engineer*, and in April was ordered to the U. S. S. "Michigan," the only U. S. vessel on the lakes of the North. Promoted to *Second Assistant Engineer* in May, 1855, and ordered to the U. S. S. "San Jacinto," the flag-ship of Commodore James Armstrong, for duty in the Asiatic Squadron; at Pulo Penang took on board Hon. Townsend Harris, the first appointee as Minister from the U. S. to Japan, and in June, 1856, landed him at the port of Simota, Japan; in August, 1858, returned to New York in the "San Jacinto," after a three years' cruise. Examined and promoted to *First Assistant Engineer*, and ordered to the steamer "America," chartered for duty on Paraguayan Expedition; October 1, 1858, ordered to the "New York," the "America" having been condemned as unfit for the cruise to Paraguay, and on January 1, 1859, reported for duty on the U. S. S. "Brooklyn," which sailed for Vera Cruz, Mexico, with United States Minister Robert McLane on board; remained attached to the Gulf Squadron until August, 1861. The "Brooklyn" returned to Philadelphia, when he was examined and promoted to *Chief Engineer*, and was ordered to rejoin the "Brooklyn," and in December sailed for the Mississippi River, where the "Brooklyn" remained on blockade duty until, on April 14, with the rest of the fleet under Admiral Farragut, that vessel passed Forts Jackson and St. Philip and the Chalmette batteries; proceeded up the Mississippi as far as Vicksburg, and then on blockade duty on the coast of Texas until August, 1863, when the ship was obliged to return North for repairs; was detached and ordered to special duty in New York; in August, 1866, was ordered to the sloop "Sacramento," and in June, 1867, was wrecked in this vessel off the coast of Hindoostan; in March, 1868, returned to the United States; in October, 1868, was ordered to the Portsmouth, New Hampshire, Navy Yard; in March, 1869, was detached, and awaited orders until January, 1870, when he was ordered to the "Michigan;" in January, 1872, was ordered to Norfolk Navy Yard; in March, 1874, was ordered to the "Franklin," and as Fleet-Engineer on the European Station; April, 1877, was detached from duty as Fleet-Engineer, and ordered to return to the United States; special duty, 1877–8; Navy Yard, Washington, 1879–82; Board of Examining Engineers, 1882; Fleet-Engineer, North Atlantic Station, 1883–4; Navy Yard, Portsmouth, N. H., 1885–8; West Point Foundry, Cold Springs, N. Y., 1889; Inspector of Machinery for battle ship "Texas," Richmond, Va., 1889–92. Retired, March 1, 1892.

Retired from incapacity resulting from long and faithful service.

With relative rank of Commander.

A. S. Greene.—Born at Adams, Jefferson, County, New York, August 3, 1838. Graduated, with the degree of Civil Engineer, from the Rensselaer Polytechnic Institute of Troy, New York, June, 1859. Appointed *Third Assistant Engineer*, February 17, 1860; ordered to duty on board the "Susquehanna," July, 1860; cruised in the Gulf of Mexico and Mediterranean until ship was ordered home, at outbreak of the Rebellion, in April, 1861, when refitted and ordered to Atlantic Blockading Squadron; detached and ordered to duty in office of Engineer-in-Chief, July, 1861; remained on duty in this office and in Bureau of Steam-Engineering, in connection with designing of machinery, and in charge of the trial of the machinery of a large number of naval and other vessels, and also in charge of experiments at the Washington Navy Yard, under the direction of the

Bureau, until detached and placed on waiting orders, December, 1867. Promoted to *Second Assistant Engineer*, February, 1862; and to *First Assistant Engineer*, March 1, 1864; ordered to temporary duty on board the "Richmond," April 24, 1867, and detached to resume duties in Bureau, May 10, 1867; ordered to duty on board the "Nyack," South Pacific Station, February 4, 1868; cruised on that station; participated in the first Selfridge Darien Surveying Expedition in 1870, and returned to San Francisco by way of Hawaiian Islands, in March, 1871; detached from the "Nyack" and ordered home, March 14, 1871, and placed on waiting orders, March 29, 1871. Promoted to *Chief Engineer*, March, 1871; ordered to iron-clad steamer "Mahopac," January 3, 1872; detached from the "Mahopac," February 13, 1872; ordered to steamer "Nantasket," St. Domingo, West Indies, April 25, 1872; detached from the "Nantasket" and placed on waiting orders, Portsmouth, N. H., July 27, 1872; ordered to the "Nipsic," St. Domingo, West Indies, Oct. 21, 1872; detached from the "Nipsic" and placed on waiting orders, New York, July 26, 1873; ordered to special duty in connection with the examination of officers for promotion, with the Board of which Commodore William E. Le Roy was President, Washington, District of Columbia, September 25, 1873; detached from duty with the Examining Board, and ordered to special duty with United Sta es Government Commission, investigating causes of steam-boiler explosions; Supervising Inspector-General of Steamboats, D. D. Smith, President of Commission, November 12, 1873; in addition to this duty, ordered to superintend machinery in process of construction for the government at Newburgh, New York, December 17, 1873; in addition to these duties, ordered as a member of a Board for the trial of the machinery of the "Swatara" New York, April 22, 1874; detached from "Swatara" Board, May 16, 1874; in addition to other duties, ordered as member of Board for the trial of the machinery of the "Tennessee," June 13, 1874; detached from duty with United States Boiler Commission, July 6, 1874; detached from Tennessee Board, July 16, 1874; detached from special duty at Newburgh, New York, and ordered to the "Benicia," San Francisco, California, July 30, 1874, and on November 29, 1875, with the other officers of the "Benicia," transferred to the "Lackawanna," North Pacific Station; detached from "Lackawanna," with orders to proceed home and await orders, August 2, 1877; member of the Examining Board, 1877–81; "Quinnebaug," European Station, 1881–4; member Board of Examiners, 1884–7; senior member of Board for trial of steam yacht "Shearwater;" senior member of Board for trial of new boilers and machinery U. S. S. "Swatara;" senior member of Board for trial of the Herreschoff launches "Our Mary" and "The Lily;" June, 1888, senior member of Board for progressive speed trials of U. S. S. "Swatara;" senior member of Board for trials and report of Brooks' system of burning crude petroleum for steam generating purposes; "Mohican," 1888; and "Vandalia," 1889, wrecked at Apia, Samoa; after having been on duty in the engine-room, attending personally to each detail of operations there, from 8 o'clock in the evening until 2 o'clock the next morning, the day of the wreck, he was relieved from watch by his assistant, Past Assistant Engineer Harry Webster, U. S. N., though continuing on duty, giving frequent and necessary orders in his department until the ship was wrecked and he was swept overboard by the sea; had a life and death struggle in those terrific seas for more than three hours, finally reaching the beach without assistance, completely exhausted physically, when he was picked up by the natives and carried to a place of safety; was swept over-

board a few minutes before 11 o'clock A. M., and reached the beach a few minutes after 2 o'clock P. M.; the four officers who were drowned were swept overboard from the same part of the ship as he, and at very nearly the same time; Navy Yard, Mare Island, until December, 1890; member of Board to investigate and report upon the Thompson system of electric welding, February, 1890; steel inspection, April to July, 1890; duty under Department of the Interior, superintending the construction of Government Water Works on Hot Springs Reservation, at Hot Springs, Ark. (this work consisted of a collection system, an impounding reservoir, a pumping station and pumping machinery, and a distributing system), July, 1890, to June, 1891; Navy Yard, League Island, and Examining Board, June, 1891, to September, 1892; "Charleston," special service squadron, September, 1892, until date of retirement, August 9, 1893.

Frederick G. McKean.—Born in East Indies. Appointed *Third Assistant Engineer*, 1861; steam-sloop "Mississippi," West Gulf Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; Bureau of Steam-Engineering, 1864; "Canonicus" (iron-clad), S. A. S., 1864–5; "Ticonderoga," European Station, 1865–7. Promoted to *First Assistant Engineer*, 1865; Bureau of Steam-Engineering, 1868–71; "Ashuelot," Asiatic Station, 1871–3; Bureau of Steam Engineering, 1873–8. Promoted to *Chief Engineer*, November 25, 1877; "Ticonderoga," special service, 1879–81; Bureau of Steam-Engineering, 1881–4; "Marion," Asiatic Station, 1885–8; Bureau of Steam-Engineering, 1889–91; "Boston," Pacific Station, October, 1891, to date of retirement, November 9, 1893.

With relative rank of Lieutenant-Commander.

William H. Rutherford.—Born January 1, 1828, at Philadelphia, Pennsylvania. Appointed a *Third Assistant Engineer* in the U. S. Navy, September 22, 1849. Promoted to *Second Assistant Engineer* on February 16, 1852. Promoted to *First Assistant Engineer* on June 26, 1856. Commissioned *Chief Engineer*, December 1, 1861; attached to U. S. Coast Survey steamers "Legare" and "Jefferson," May 17, 1850, to November 4, 1851; while attached to U. S Coast Survey steamer "Jefferson," in 1851, and en route to California, was overtaken by tornado off the eastern coast of Patagonia, on the night of May 24, 1851; on the night of May 25, 1851, at 8 P. M., ship broached to, and were compelled to cut away fore and main masts, and throw overboard all heavy material in order to lighten ship, managed to get into Watchman's Bay, on the eastern coast of Patagonia, on the afternoon of May 28; after lying there for two days ran up the coast about four miles to what is called Port Desire, a short distance from the mouth of the river bearing the same name; were compelled to remain there for three months, and then taken to Montevideo, Uruguay, in the French barque "Aristede," from Montevideo went to New York on the store-ship "Relief;" attached to U. S. steamer "Mississippi" on the Japan Expedition, from 1852 to 1856, under Commander M. C. Perry; special duty, Norfolk Navy Yard, August 29, 1856, to April 7, 1857; U. S. S. "Roanoke," Home Station, April 7 to September 5, 1857; U. S. ship "Powhatan" (East India Station), flag-ship of Flag Officer Josiah Tatnall, September 17, 1857, to August 16, 1860; U. S. steamer "Michigan," November 10, 1860, to May 22, 1861, assisting Chief Engineer B. F. Isherwood to conduct a series of experiments on the expansion of steam; attached to the U. S. steamer "Pawnee," South Atlantic Blockade Squadron, May 22, 1861, to May 9, 1862, during which time employed in keeping the Potomac River

open and the Confederates from erecting batteries along the river front; was also at the battles of Forts Clark and Fisher at Hatteras Inlet, North Carolina, Hilton Head and Bay Point, South Carolina; protected General Gilmore, U. S. Army, during the erection of masked batteries on Tybee Island, to bombard Fort Pulaski, Savannah River, Georgia, and in the capture of Fort Clinch, Fernandina, Florida, the "Pawnee" going through Cumberland Sound attacking the fort in the rear; special duty, Philadelphia, Pennsylvania, July 17 to October 21, 1862; U. S. steamer "Mississippi," West Gulf Blockade, October 21, 1862, to June 29, 1863, battle of Port Hudson, Louisiana, where the "Mississippi" was lost, being set on fire by order of Capt. Melancton Smith, her commander; attached to U. S. S. "Wachusett," Brazil Station, August 4, 1863, to January 4, 1865, during which cruise the "Wachusett," on October 4, 1864, ran into the Confederate privateer "Florida," lying at Bahia, Brazil, cut her out and brought her to the United States; from the time the "Wachusett's" engines were started ahead to run into the "Florida," take her surrender, by paroling her officers and crew, transferring one-half of her crew to the "Wachusett" and one-half of our crew to the "Florida," getting up hawsers from the hold and sending them to the "Florida," securing them around her bits, and starting ahead to tow her out of the harbor of Bahia, Brazil, just took us 35 minutes; attached to U. S. steamer "Monongahela," West Indies, November 15, 1865, to February 5, 1867; attached to U. S. S. "Canandaigua," European Station, June 13, 1867, to February 12, 1869; special shore duty Providence, Rhode Island, May 11 to November 11, 1869; Navy Yard, Pensacola, Florida, December 20, 1869, to Feb. 24, 1872; sick leave, Feb. 24, 1872, to Oct. 26, 1874. Retired from active list for disability incurred in the line of duty, Oct. 26, 1874.

Henry Mason.—Entered the navy as *Third Assistant Engineer*, March 23, 1848, and served in the Mexican War, on the "Saratoga" and "Iris;" ordered to the Navy Department, March, 1849. Promoted to *Second Assistant Engineer*, September 13, 1849; ordered to the "Michigan," October 12, 1849; to the "Hetzel," as *Acting Chief Engineer*, December, 1850. Promoted to *First Assistant Engineer*, February 26, 1851; ordered to the Navy Department, June, 1851; to the "Saranac," July, 1852; to the "Princeton," November, 1853, and resigned. Reinstated without any examination, May 31, 1861, and ordered to the "Michigan," to relieve Chief Engineer Zeller; ordered to relieve Chief Engineer Fithian, on the "Narraganset," and take charge of fifteen youngsters. Promoted to *Chief Engineer*, May 21, 1863; ordered to "Passaic," July 3, 1863; to Corliss Steam-Engine Works, June, 1864; to the "Mohican," August, 1866; home (sick), December, 1867; leave, January 8, 1868. Retired for wounds and disease incurred in the line of duty, October 16, 1868.

John Johnson.—Appointed from Delaware. *Third Assistant Engineer*, May 20, 1857; *Second Assistant Engineer*, Aug. 2, 1859; *First Assistant Engineer*, July 1, 1861; *Chief Engineer*, Nov. 10, 1863. Retired, June 10, 1876.

Edward B. Latch.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1858; "Atlanta," Paraguay Expedition, 1858–9. Promoted to *Second Assistant Engineer*, 1861; steamer "Sumter," West Coast of Africa, 1860–1; "Hartford," West Gulf Squadron, 1862–4; while on "Hartford," was put in temporary charge of her machinery before Port Hudson fell, and retained charge of the same until the "Hartford" steamed into New York Harbor, bearing the broad pennant of, at the time, Rear-Admiral Farragut. Promoted to *First Assistant Engineer*, 1863; "Wachusett," East India Station, 1865–8; Naval Academy, 1869–70. Promoted to *Chief Engineer*,

1870; "Congress," special service, 1870–2; member Board of Inspection, 1873–5; R. S. "Colorado," 1876; sick-leave, 1876–7. Retired, Nov. 22, 1878.

George W. Sensner.—Born in Baltimore, Md. Appointed *Third Assistant Engineer*, from Washington, D. C., October 22, 1860; November 5 to April 4, 1861, attached to the "Anacostia." Promoted to *Second Assistant Engineer*, November 1, 1861; April 10, 1861, to February 8, 1862, attached to the flag-ship "Minnesota;" August, 1861, participated in the engagement and capture of Forts Clark and Hatteras, N. C., gunboat "Port Royal;" April 1, 1862, till September 17, 1862, participated in the engagements on James River, including Fort Darling, below Richmond, Virginia, and on more than one occasion he was one of those who volunteered to perform what was considered unusually hazardous service; flag-ship "Minnesota," November 13, 1862, till February 10, 1864. Promoted to *First Assistant Engineer*, August 24, 1864; special duty, Baltimore, April, 1864, to January, 1865; "Wyoming," East India Squadron, 1865–8; Navy Yard, Washington, December, 1868, till July, 1870; "Worcester," cruise to England and return, 1871; "Worcester," cruise in West Indies, 1872–3; Navy Yard, Washington, January, 1874, to January, 1875. Promoted to *Chief Engineer*, June, 1874; "Kearsarge," Asiatic Station, 1875–8; April, 1879, to January 24, 1880, attached to "Franklin;" several months attached to the "Colorado," at New York; "Lackawanna" and "Adams," Pacific Station, September, 1881, to January, 1882; "Alliance," July, 1884, to October, 1884. Retired, January 25, 1886.

George W. Magee.—Born in New York. Appointed *Third Assistant Engineer*, 1861; special duty, Washington, 1861; "Pensacola," West Gulf Squadron, 1861–3. Promoted to *Second Assistant Engineer*, 1863; Bureau of Steam-Engineering, 1863–4. Promoted to *First Assistant Engineer*, 1864; "Juniata," European Fleet, 1869–72; "Wachusett," European Fleet, 1873; "Minnesota," training-ship, 1875–6. Promoted to *Chief Engineer*, 1876; receiving-ship "Colorado," 1877; special duty, 1877–8; "Tuscarora," Pacific Station, 1877–80; special duty, New York, 1881–6; Continental Iron Works, Brooklyn, 1887–9: special duty, New York, 1889–91; "Miantonomah, N. A. Station, October, 1891, to date of retirement, June 26, 1893.

Henry D. McEwen.—Born in Pennsylvania. Appointed *Third Assistant Engineer* in 1861; steam-sloop "Lancaster," Pacific Station, 1861–63. Promoted to *Second Assistant Engineer*, 1863; steam-sloop "Wachusett," coast of Brazil, 1863–4. Promoted to *First Assistant Engineer*, 1865; "Sagamore," Gulf Squadron, 1865–7; League Island, 1868–71; "Canonicus" (iron-clad), North Atlantic Station, 1872; rendezvous, Philadelphia, 1873–4; "Michigan," 1874–7; "Ashuelot," Asiatic Station, 1877–80; special duty, League Island, 1881–2; "Enterprise," Asiatic Station, 1882–6. Promoted to *Chief Engineer*, March 3, 1882; member Board of Examiners, 1886–9; "Boston," Squadron of Evolution, 1889–91; member Examining Board, Philadelphia, November, 1891, until date of retirement, December 13, 1892.

Robert B. Hine.—Born in England. Appointed *Third Assistant Engineer*, 1861; steam-gunboat "Chippewa," North Atlantic Squadron, 1861–2; steam-gunboat "Ottawa," 1862–5. Promoted to *Second Assistant Engineer*, 1863; "Wateree," Pacific Station, 1865–8. Promoted to *First Assistant Engineer*, 1866; "Galena," North Atlantic Squadron, 1869; "Severn," same station, 1869–71; "Worcester," same station, 1871–3; Bureau of Steam-Engineering, 1874–7; "Powhatan," North Atlantic Squadron, 1877–80; Examining Board Navy Department, 1880–2. Promoted to *Chief Engineer*, December 14, 1882; "Nipsic," South Atlantic Station, 1883–6; Inspector of

Machinery for United States steamer "Concord," 1887–90; "Concord," North Atlantic Station, Feb., 1891, to Sept., 1892. Retired, Feb. 20, 1893.

David Phillips Jones.—Member American Society Mechanical Engineers, American Association for the Advancement of Science. Born in Philadelphia, 1841. Educated at Central High School in 1859; appointed one of the principal Examiners of the Utah Government Surveys, and was also Resident Engineer of the Surveyor-General's Office, Utah Territory; entered the naval service in March, 1862, as *Third Assistant Engineer*, and attached to the U. S. steamer "Cimerone," North and South Atlantic Blockading Squadrons; while on that vessel participated in various actions on James River, following McClellan's Peninsula campaign; also in engagements on St. John's River, Florida, resulting in the second capture of Jacksonville, Fla.; in 1863, attached to U. S. iron clad "Sangamon," participating in many engagements up the James River, Va.; the "Sangamon" was the vessel that received the Confederate Peace Commissioners—Stevens, Campbell and others—who came to Hampton Roads to meet President Lincoln; in the fall of 1863, detached from the "Sangamon," being condemned by medical survey; in 1864, ordered to U. S. steamer "Mendota," at New York, and promoted to *Second Assistant Engineer;* the "Mendota" was assigned to the James River Division of the North Atlantic Squadron, and participated in the battle of Bermuda Hundred, where General Butler was driven back; the "Mendota" was engaged in many serious actions up the James River during the trying campaign of 1864–5, and at the fall of Richmond was guard-ship off that city; while attached to this vessel, lying at Hampton Roads, was bearer of dispatches to General Grant announcing the fall of Fort Fisher; Grant at that time was at City Point, and the river was infested with guerrilla parties; the trip from Fortress Monroe to army headquarters was made at night, on the little steamer "Martha Washington;" after the fall of Richmond, the "Mendota" was stationed off Brandywine Shoals, searching all passing vessels for the assassin Booth; from July, 1865, to September, 1867, attached to U. S. steamer "Powhatan," in South Pacific Station; the "Powhatan" was one of the convoys of the iron-clad "Monadnock," on her memorable voyage to the Pacific; while attached to this vessel, witnessed the bombardment of Valparaiso and Callao by the Spanish fleet; in 1867, promoted to *Passed Assistant Engineer*, and attached to U. S steamer "Gettysburg," which vessel was engaged in sounding between Key West, Havana and Aspinwall, preparatory to laying the first telegraph cable between these points; in 1869–70, attached to U. S. steamer "Michigan;" afterwards, while on an extended leave, was Constructing Engineer of the St. Louis and Southeastern Railway, and while holding that position designed and built the great railway transfers on the Ohio River, at Evansville, Ind., and Henderson, Ky.; in 1873, attached to Bureau of Steam Engineering; and from 1874 to 1879 was instructor in steam-engineering at the Naval Academy; while on that duty, organized the department of Mechanical Drawing for the Cadet Engineers; in 1879, attached temporarily to torpedo-boat "Alarm;" and afterwards assigned to the U. S. S. "Nipsic," cruising in the Mediterranean; while attached to the "Nipsic," witnessed the second day's bombardment of Alexandria, Egypt, by the English fleet; in 1883–4, attached to Bureau of Steam-Engineering; afterwards, while on leave, was President of the West Kansas Construction Company; from 1885 to 1888, on duty as Professor Mechanical Engineering, Kansas Normal College; afterwards ordered to the U. S. S. "Ranger," on the Pacific Coast; Dec., 1889, until retirement, June 21, 1892, U. S. N. training-station, Newport, R. I.

Jefferson Brown.--Appointed to Engineer Corps, U. S. Navy, December 17, 1862; ordered to U. S. S. "Mississippi," January, 1863, and, under Admiral Farragut, participated in the battle of Port Hudson; was made prisoner there, together with captain of marines, a mate, and forty men, after the vessel had been destroyed and the officers and crew landed opposite the Confederate works; taken to Jackson, Miss.; paroled in May, 1863, and ordered to iron-clad "Canonicus," after having been exchanged for an officer by the same name, who was captured on the "Atlanta;" was in several engagements on James River, in 1864; Howlett's Battery, Dutch Gap, etc.; January, 1865, ordered to the "Wachusett," as Assistant Engineer, and made cruise in China, Japan, and the East; in 1868, to the "Yantic," in West Indies; during the cruise the vessel became infected with yellow fever, and Commander Abbot, his clerk, and three seamen died and were buried at sea; in January, 1871, ordered to the "Terror," at Havana; afterwards to the New York Navy Yard, as assistant to Chief Engineers Wood and Henderson. Promoted to *Passed Assistant Engineer*, January 1, 1868; in 1873, ordered to the "Manhattan," Key West; in 1876, to the iron-clad "Manhattan," in charge of machinery, and during next five years served on the following-named iron-clads: "Dictator," "Catskill," "Mahopac," "Nahant," and "Lehigh;" "Alliance," N. A. Station, 1881–3; on the "Alliance," in 1881, made the Arctic cruise in search of the "Jeannette," reaching North Latitude 80° 10′ north of Spitzbergen, within 90 miles of the highest record by this route, and farthest north of any American war-ship; the "Alliance" advanced to the permanent ice-pack, and while in the ice narrowly escaped wreck; remained until November of same year; special duty, New York, 1883–6; "Yantic," N. A. Station, 1887–90; R. S. "Vermont," January, 1891; detached from "Vermont" and retired, from physical disability, August 2, 1892.

PASSED ASSISTANT ENGINEERS ON ACTIVE LIST.

With relative rank of Lieutenant.

J. H. Perry.—Acting *Second Assistant Engineer*, January 29, 1867; "Omaha," South Pacific Station, 1873–5; "Tennessee," North Atlantic Station, 1877–8; special duty, New York, 1878–80; "Powhatan," special service, 1880–2; Navy Yard, New York, 1883–5; "Dolphin," special service, 1885–7; "Chicago," special service, 1887–9; Bureau of Steam-Engineering, 1889, to date.

Warner B. Bayley.—Acting *Third Assistant Engineer*, August 4, 1864; "Lancaster," South Atlantic Station, 1873–4; Bureau of Steam-Engineering, 1875–7; "Monocacy," Asiatic Station, 1877–8; "Palos," Asiatic Station, 1878–80; Bureau Steam-Engineering, 1880–81; special duty, Navy Department, 1881–5; "Pensacola," European Station, 1885–8; duty under Fish Commission, 1888–92; Navy Yard, New York, 1892–93; "Machias," N. A. Station, 1893, to date.

A. F. Dixon.—Appointed from Massachusetts as *Second Assistant Engineer*, October 29, 1870; *Passed Assistant*, November 4, 1877; "California," Pacific Station, 1871–3; "Ajax," North Atlantic Station, 1873–4; Navy Yard, Boston, 1875–7; "Tuscarora," Pacific Station, 1877–8; "Wachusett," Pacific Station, 1881–4; Bureau of Steam-Engineering, 1884–5; "Michigan" (on the lakes), 1885–7; "Boston," special service, 1887–90; Navy Yard, New York, 1890, to date.

Joseph P. Mickley.—Appointed from Pennsylvania as *Acting Third Assistant Engineer*, March 28, 1864; honorably discharged, January 11, 1869. Commissioned *Second Assistant Engineer*, regular service, March 20, 1871. Commissioned *Assistant Engineer*, February 24, 1874. Commissioned *Passed Assistant Engineer*, February 24, 1878; 1864–5, U. S. S. "Cour-de-Leon," Potomac Flotilla, Commander Foxhall A. Parker; 1865–6, Gulf Squadron, "Massachusetts" and "Muscoota," Commander George M. Ransom; "Yucca," in the relief of the "San Jacinto," and army transport conveying mails from Havana to Key West; 1866–8, North Pacific Squadron, "Resaca," Commander J. B. Bradford, at the transfer of Alaska to the United States; January 11, 1869, honorably discharged. *Second Assistant Engineer*, March 20, 1871; 1871–3, West India Squadron, monitor "Terror," Captain S. P. Quackenbush, rebellion in Cuba; 1873–6, Asiatic Squadron, "Lackawanna" and "Ashuelot;" 1877–8, Washington Navy Yard, monitors "Wyandotte," "Passaic," and "Montauk," during labor riots; 1878, special duty, Philadelphia, Pa., Assistant to Inspector of Coal; 1878–81, Commodore Shufeldt's expedition around the world, "Ticonderoga," Commander B. J. Cromwell; 1881–4, Naval Station, League Island, Philadelphia, Pa.; 1884–6, North Atlantic Squadron, "Powhatan," special duty during the insurrection in the United States of Colombia; 1886–7, Delaware River Iron-Works, Chester, Pa., special duty, U. S. S. "Boston;" 1887, West India Squadron, "Yantic;" February 1, 1888–91, Naval Station, League Island, Philadelphia, Pa.; 1891, "Fern," to date.

William H. Nauman.—Appointed from Pennsylvania as *Second Assistant Engineer*, April 24, 1872; *Passed Assistant Engineer*, February 24, 1878; "Narraganset," Pacific Station, 1873–6; R. S. "Colorado," 1877–9; C. S. S. "McArthur," 1879–82; Navy Yard, Portsmouth, N. H., 1882–4; Bureau of Steam-Engineering, 1884–7; "Philadelphia," N. A. Station, November, 1889, to September, 1892; Navy Yard, Portsmouth, N. H., September, 1892, to date.

Robert R. Leitch.—Appointed *Cadet Engineer*, October 1, 1871; *Second Assistant*, January 23, 1874; *Passed Assistant*, January 15, 1879; "Ajax," N. A. Station, 1873–4; "Ossipee," N. A. Station, 1874–6; "Fortune," special service, 1877–9; Asiatic Station, 1881–4; Navy Yard, Washington, 1885–7; "Chicago," special service, 1887–91; Navy Yard, New York, 1891, to date.

Robert W. Galt.—Entered the service as an *Assistant Engineer*, October 12, 1871; Norfolk Navy Yard, January, 1872, to August 1, 1872; reported on board the "Yantic," August 1, 1872; served on board the "Yantic," "Palos," and "Hartford," in the Asiatic Squadron; detached from the "Hartford," in October, 1875, at New York; ordered to the Norfolk Navy Yard, in November, 1875; detached from Navy Yard, in June, 1878; ordered to the "Speedwell," in the service of the Fish Commission, in July, 1878; placed on waiting orders in October, 1878; served on board the "Plymouth," from December 16 to 30, 1878, and was then placed on waiting orders. Promoted to *Passed Assistant*, February 24, 1879; reported for duty on board the Coast Survey steamer "Gedney," Mississippi River and Gulf Coast, 1879–84; Navy Yard, Norfolk, 1884–6; "Trenton," Pacific Station, 1887–8; "Marion," Asiatic Station, 1889–90; Navy Yard, Norfolk, 1891–3; "Newark," S. A. Station, August, 1893, to date.

Henry T. Cleaver.—Appointed from Pennsylvania. *Cadet Engineer*, October 1, 1871; *Second Assistant*, January 23, 1874; *Passed Assistant*, May 19, 1879; "Benicia" N. Pacific Station, 1873–4; "Trenton," European Station, 1877–9; "Despatch," special service, 1881–3; "Trenton," Asiatic

Station, 1883–6; "Michigan" (N. W. Lakes), 1887–8; "Palos," Asiatic Station, 1888–91; Navy Yard, New York, 1892–3; Navy York, Norfolk, 1893, to date.

John K. Barton.—Born in Philadelphia, Pennsylvania. Entered the Naval Academy, as *Cadet Engineer*, October 1, 1871; graduated, 1873; ordered to the "Benicia," Pacific Squadron, 1873–4. Promoted to *Assistant Engineer*, 1874; special duty, Chester, Pa., 1875; ordered to the "Marion," West Indies and European Station, 1875 to 1878; special duty, Board of Examining Engineers, 1878. Promoted to *Passed Assistant Engineer*, 1879; "Shenandoah," South Atlantic Station, 1879 to 1882; Naval Academy, 1882–6; "Essex," Asiatic Station, 1886–7; "Palos," Asiatic Station, 1887–9; Naval Academy, 1889–93; assistant to Inspector of "Castine," July, 1893, to date.

Robert G. Denig.—Appointed from Ohio. *Cadet Engineer*, October 1, 1871; *Second Assistant*, January 23, 1874; *Passed Assistant*, March 25, 1880; "Benicia," Pacific Station, 1873–4; "Trenton," European Station, 1877–80; Navy Yard, Mare Island, 1881–4; special duty, Hamilton College, New York, 1884–5; Asiatic Station, 1885–9; Naval Academy, 1889–91; "Philadelphia," N. A. Station, July, 1892, to July, 1893; "Baltimore," Asiatic Station, July, 1893, to date.

Henry Herwig.—Appointed from Indiana. *Assistant Engineer*, September 9, 1874; *Passed Assistant*, May 22, 1880; "Canandaigua," N. A. Station, 1874–6; Bureau of Steam-Engineering, 1877–80; "Galena," European Station, 1881–4; Bureau of Steam-Engineering, 1884–7; Asiatic Station, 1887–90; Navy Yard, Washington, 1891–3.

George B. Ransom.—Appointed from New York. *Cadet Engineer*, October 1, 1871; *Assistant Engineer*, February 26, 1875; *Passed Assistant Engineer*, July 4, 1880; "Worcester," N. A. Station, 1875–7; "Essex," S. A. Station, 1877–9; special duty, Chester, 1879–81; Naval Academy, 1882–4; Navy Yard, Portsmouth, 1884–5; "Omaha," Asiatic Station, 1885–8; special duty, University of Wisconsin, 1888–91; "Pinta," special service, 1891–3; special duty San Francisco, October, 1893, to date.

William C. Eaton.—Appointed *Cadet Engineer*, from New York, October 1, 1872. Graduated, U. S. N. A., June, 1874. *Assistant Engineer*, February 26, 1875; *Passed Assistant Engineer* March 4, 1881; "Worcester," N. A. Station, June 25, 1874, to April 24, 1875; "Colorado," April 24, 1875, to June 9, 1875; "Benicia," Pacific Station, August, 1875, to November 29, 1875; "Lackawanna," Pacific Station, November 29, 1875, to January 23, 1878; "Minnesota," training-ship, July 1, 1878, to September 4, 1878; "Quinnebaug," European Station, September 20, 1878, to April 12, 1881; "Wyoming," for passage home, April 12, 1881, to June 2, 1881; Experimental Board, New York, September 17, 1881, to June 10, 1884; "Alliance," N. A. Station, and around East Coast of Africa in search of missing whaler, to South Atlantic Station, March 28, 1885, to April 2, 1888; duty on U. S. S. "Terror" and "Amphitrite," trials, etc., August, 1888; special duty, as Professor of Engineering, at Madison University, Hamilton, N. Y., from September 1, 1888, to August, 1891; "Monocacy," Asiatic Station, August, 1891, to date.

Alfred B. Canaga.—Entered the U. S. Naval Academy, as a *Cadet Engineer*, October, 1872. Graduated, May, 1874; was attached to the U. S. flag-ship "Worcester," Home Station, from June, 1874, until April, 1875; attached to U. S. S. "Colorado," from April, 1875, until June, 1875; attached to U. S. flag-ship "Richmond," South Pacific and South Atlantic

Stations, from October, 1875, until September, 1877; attached to U. S. S. "Michigan," on the Lakes, from January, 1878, until February, 1879; attached to U. S. S. "Vandalia," Home Station, from February, 1879, until April, 1881; on duty at U. S. Naval Academy, Annapolis, Md., from June, 1881, until June, 1884; attached to U. S. flag-ship "Lancaster," cruising in European waters, on the East Coast of South America, and on East and West Coasts of Africa, from July, 1884, until September, 1877; attached to U. S. S. "Trenton," on voyage home, from September until November, 1887; on special duty, in connection with the trials of boilers and engines, February, April, May and August, 1888; on duty at the Cornell University, Ithaca, N. Y., from September, 1888, to October, 1891. Appointed *Cadet Engineer*, from Ohio, October 1, 1872. Promoted to *Assistant Engineer*, February 26, 1875. Promoted to *Passed Assistant Engineer*, March 10, 1881; "Chicago," S. A. Station, August, 1891, to date.

Abraham V. Zane.—Appointed from Pennsylvania. *Cadet Engineer*, October 1, 1871; *Assistant Engineer*, February 26, 1875; *Passed Assistant Engineer*, August 21, 1881; "Worcester," N. A. Station, 1875–7; "Wyoming," European Station, 1877–9; Naval Academy, 1879–81; "Rodgers," special service, 1881–2; Bureau of Steam-Engineering, 1882–5; Northern Alaska Expedition, 1885–7; special duty, new cruisers, Philadelphia, 1887–88; "Omaha," Asiatic Station, 1888–91; Naval Observatory, 1891 to date.

John R. Edwards.—Appointed from Pennsylvania. *Cadet Engineer*, October 1, 1871; *Assistant Engineer*, February 26, 1875; *Passed Assistant Engineer*, September 11, 1881; "Worcester," N. A. Station, 1875–7; "Pensacola," Pacific Station, 1877–9; Experimental Board, New York, 1879–81; "Despatch," special service, 1881–4; "Palos," Asiatic Station, 1885–6; special duty, University of S. C., 1888–91; "Petrel," Asiatic Station, July, 1891, to date.

Stacy Potts.—Born in Philadelphia, Pennsylvania. Entered the United States Naval Academy, October 1, 1871; graduated as *Cadet Engineer*, May 30, 1874; attached to the "Worcester," 1874–5, North Atlantic Station. Promoted to grade of *Assistant Engineer*, February 26, 1875; attached to the "Colorado," 1875, North Atlantic Station; attached to the torpedo-boat, "Intrepid," 1875–7; attached to the "Adams," Pacific Station, 1878–81. Promoted to grade of *Passed Assistant Engineer*, October 12, 1881; attached to the training-ship "Minnesota," 1881–2; monitor "Miantonomah," 1882–3; special duty, Bureau of Steam-Engineering, 1883–5; "Pensacola," European Station, 1885–8; Bureau of Steam-Engineering, 1889–91; "Newark," special service, 1891–3.

Albert B. Willits.—Appointed from Pennsylvania. *Cadet Engineer*, October 1, 1872; *Assistant*, February 26, 1875; *Passed Assistant*, October 12, 1881; "Adams," Pacific Station, 1877–9; "Powhatan," special duty, 1880–83; Navy Yard, Norfolk, 1883–5; "Hartford," Pacific Station, 1885–7; receiving-ship "Franklin," 1887–8; "Boston," Squadron of Evolution, 1888–91; duty in connection with cruiser No. 13, 1891 to date.

James Peyton Stuart Lawrence.—Born in Philadelphia, Pennsylvania, August 6, 1852. Went through the Episcopal Academy, and passed the entrance examination to Classical Course of University of Pennsylvania, in 1869; never attended at the University of Pennsylvania, but matriculated at Lehigh University, from which was graduated with degree of Mechanical Engineer, in 1873; worked in the machine shop of John Roach, ship-builder, at Chester, Pennsylvania; in January, 1875, passed the examination, and on

March 22, 1875, was commissioned as *Assistant Engineer* in the navy; served on the U. S. S. "Monocacy," China Station, from 1875 to 1878; worked at qualitative and quantitative analysis and assaying and physical measurements in the laboratories of the University of Pennsylvania, from 1878 to 1879; served on the U. S. flag-ship "Pensacola," Pacific Station, from 1879 to 1882, when ordered to duty at Washington Navy Yard, on the receiving-ship; in 1882 made a six months' cruise in the Chesapeake Bay, on the monitor "Passaic," which was left at the Naval Academy; from 1883 to 1885, in the office of Naval Intelligence, Navy Department. In 1883, commissioned as *Passed Assistant Engineer;* from 1885 to 1889, on board the U. S. S. "Juniata," on a cruise around the world *via* Strait of Magellan and Suez Canal; from 1889 to 1890, on duty at Navy Yard, Norfolk, Va.; "Monocacy," Asiatic Station, 1890, to date. A member of the American Society of Mechanical Engineers, and the American Association for the Advancement of Science; has been twice completely around the world.

Isaac S. K. Reeves.—Appointed from Delaware. *Assistant Engineer,* June 30, 1875; *Passed Assistant,* September 16, 1883; Bureau of Steam-Engineering, 1877–9; "Adams," Pacific Station, 1879–81; "Tallapoosa," special service, 1881–3; Fish Commission steamer "Fishhawk," 1884–5; special duty, Fish Commission, 1885–8; "Tallapoosa," S. A. Station, 1888–92; duty under Fish Commission, April, 1892 to date.

George D. Strickland.—Appointed from Pennsylvania. *Assistant Engineer,* January 12, 1876; *Passed Assistant,* April 28, 1884; "Ashuelot," Asiatic Station, 1877–9; special duty, Philadelphia, 1879–81; "Ranger," North Pacific Station, 1881–4; Navy Yard, Mare Island, 1885–6; Coast Survey, 1886–90; special duty, 1890–92; "Ranger," Pacific Station, 1892, to date.

Wythe M. Parks.—Appointed from Virginia. *Assistant Engineer,* May 8, 1877; *Passed Assistant,* June 22, 1884; "Hartford," South Atlantic Station, 1877–9; "Alliance," North Atlantic Station, 1880–2; Naval Academy, 1882–5; "Tennessee" and "Richmond," North Atlantic Station, 1885–7; "Atlanta," 1887–8; Chicago Manual Training School, 1888–91; "Atlanta," S. A. Station, 1891–3; Navy Yard, Norfolk, 1893, to date.

Frank H. Bailey.—Appointed from New York. *Cadet Engineer,* October 1, 1873; *Assistant Engineer,* July 1, 1877; *Passed Assistant,* October 7, 1884; "Alert," Asiatic Station, 1877–8; "Trenton," European Station, 1879–81; "Iroquois," Pacific Station, 1882–5; special duty, Cornell University, 1885–8; "Chicago," Squadron of Evolution, 1889–91; Bureau of Steam-Engineering, 1891, to date.

George S. Willits.—Appointed from Pennsylvania. *Cadet Engineer,* October 1, 1873; *Assistant,* July 1, 1877; *Passed Assistant,* July 1, 1885; "Enterprise," special service, 1877–80; special duty, Franklin Institute, Philadelphia, 1882–4; "Marion," Asiatic Station, 1884–7; "Boston," special service, 1887–9; special duty, Pratt Institute, Brooklyn, 1889–90; Naval Academy, September, 1890–1; "Boston," Pacific Station, 1891–3; "Monterey," Pacific Station, 1893 to date.

Walter F. Worthington.—Appointed from Maryland. *Cadet Engineer,* October 1, 1873; *Assistant,* July 1, 1877; *Passed Assistant,* July 19, 1885; "Alert," Asiatic Station, 1877–9; special duty, 1879–81; "Lancaster," European Station, 1881–4; Morgan Iron-Works, New York, 1884–5; Naval Academy, 1885–8; "Atlanta," special service, 1888–91; Bureau of Steam Engineering, 1891–2; Naval Academy, 1892, to date.

William N. Little.—Born at Newburg, N. Y., December 31, 1852. Appointed a *Cadet Engineer*, in the navy, October 1, 1872. Commissioned as *Assistant Engineer*, July 1, 1877. Commissioned a *Passed Assistant Engineer*, October 17, 1885. On board the "Swatara," on N. A. Station, from August 5, 1875, to November 5, 1878, during which time served one week aboard the iron-clad "Catskill," on passage from Port Royal to Norfolk; on shore duty at Navy Yard, Pensacola, Fla., from November 16, 1878, to April 22, 1880; on board the "Monocacy," Asiatic Station, from June 27, 1880, to July 26, 1883, where he assisted as topographer in a survey of the Saline River; at the Navy Yard, New York, from January 10, 1884, to August 27, 1884, when he was ordered to temporary duty aboard the "Nina," to attend the wreck of the "Tallapoosa;" resumed duty at Navy Yard, New York, September 3, until November 8, 1884; on board Coast Survey steamer "Gedney," from November 15, 1884, to January 17, 1885; at the Worcester (Mass.) Polytechnic Institute, as Professor of Mechanical Engineering, from January 17, 1885, to September 17, 1886; on board the "Galena," from September 17, 1886, to August 15, 1889; Naval Academy, August 16, 1889, to August, 1890; Navy Yard, New York, August, 1890–2; "Philadelphia," N. A. Station, 1892, to date.

Edward R. Freeman.—Appointed from Mississippi. *Cadet Engineer*, October 1, 1873; *Assistant Engineer*, July 1, 1877; *Passed Assistant Engineer*, January 26, 1886; "Hartford," N. A. Station, November and December, 1875; "Vandalia," N. A. and European Stations, 1876–9; training-ship "Minnesota," 1879–81; "Tennessee," N. A. Station, 1882; Bureau of Steam-Engineering, 1882–3; "Trenton," Asiatic Station, 1883–6; inspection duty, new cruisers at Baltimore, 1887–9; inspection duty, "Concord," at Quintard Iron-Works, New York City, 1890–1; "Concord," N. A. Station, 1891–3; "New York," S. A. Station, 1893 to date.

Theodore F. Burgdorff.—Appointed from New Jersey. *Cadet Engineer*, October 1, 1873; *Assistant Engineer*, July 1, 1877; *Passed Assistant Engineer*, June 22, 1886; "Swatara," North Atlantic Station, October, 1875, to October, 1878; Bureau of Steam-Engineering, October, 1878, to October, 1879; "Nipsic," European Station, October, 1879, to February, 1883; Bureau of Steam-Engineering, March, 1883, to April, 1885; "Iroquois," Pacific Station, May, 1885, to March, 1888; University of Tennessee, September, 1888, to December, 1892; "Thetis," special service, December, 1892, to date.

Frank H. Eldridge.—Appointed from Ohio. *Cadet Engineer*, October 1, 1872; *Assistant Engineer*, July 1, 1877; *Passed Assistant Engineer*, April 5, 1887; "Marion," N. A. and European Stations, 1875–9; the "Marion" did not leave the N. A. Station until June, 1876; her officers reported December 1 (or about that date), 1875; "Tennessee," N. A. Station, 1879–82; special duty, Ohio University, 1882–5; "Ranger," North Pacific Station, 1885–8; Naval Academy, 1888–90; Navy Yard, New York, 1890–91; "Chicago," S. A. Station, 1891 to date.

Edgar T. Warburton.—Appointed from Pennsylvania. *Cadet Engineer*, at Naval Academy, October 1, 1872; *Assistant Engineer*, July 1, 1878; *Passed Assistant Engineer*, July 1, 1887; "Huron," North Atlantic Station, November, 1875, to November, 1877; wrecked off Nag's Head, North Carolina, November 24, 1877; "Richmond," to Asiatic Station, October 1878, to June, 1879; "Ashuelot," Asiatic Station, June, 1879, to June, 1881; "Richmond," return to U. S., June, 1881, to September, 1881; "Powhatan," September to October, 1881; Delaware River Iron-Works,

Chester, Pa., inspection of "Puritan," January to October, 1882; "Alaska," Pacific Station, January to February, 1883; Navy Yard, Mare Island, Cal., in charge of stores, February, 1883; Coast Survey steamer "Hassler," as Chief Engineer, Pacific Coast and Alaska, February, 1883, to September, 1886; Secretary Examining Board of Naval Engineers, Philadelphia, Pa., November, 1886, to September, 1887; Union Iron-Works, San Francisco, Cal., inspection of "Charleston" and "San Francisco," November, 1887, to 1890; "San Francisco," Pacific Station, November, 1890–3.

William B. Dunning.—Appointed from New York. *Cadet Engineer,* October 1, 1873; *Assistant Engineer,* July 1, 1878; *Passed Assistant Engineer,* July 3, 1887; "Ranger," Asiatic Station, 1877–9; European Station, 1880–3; special duty, Wilmington, 1884–7; Coast Survey steamer "McArthur," 1887–8; "Thetis," N. Pacific Station, 1889–91; Union Iron-Works, San Francisco, 1891 to date.

Robert I. Reid.—Appointed from Pennsylvania. *Cadet Engineer,* October 1, 1872; *Assistant Engineer,* July 1, 1878; *Passed Assistant Engineer,* June 19, 1888. "Ranger," Asiatic Station, 1877–9; "Adams," Pacific Station, 1880–2; C. S. S. "McArthur," 1882–6; "Michigan," N. W. Lakes, 1889–90; duty in connection with the "Newark," November, 1890–91; "Newark," special service, 1891–3; "Miantonomah," N. A. Station, 1893 to date.

Reynold Thomas Hall.—Appointed from Pennsylvania. *Assistant Engineer,* U. S. Navy, April 22, 1880; *Passed Assistant Engineer,* January 9, 1889. "Alliance," N. A. Station, 1880 to 1883; monitor "Puritan," inspection duty at Chester, Pa., June, 1883, to January, 1884; monitor "Nantasket," N. A. Station, June to October, 1884; "Powhatan," special service, October, 1884, to June, 1886; Navy Yard, Norfolk, July, 1886, to March, 1887; "Ossipee," March, 1887, to January, 1888; Inspector of Steel, Thurlow, Pa, from February, 1888, to August, 1890; "Pensacola," S. A. Station, August, 1890, to June, 1892; "Baltimore," special service squadron, 1892–3; Navy Yard, New York, 1893 to date.

PASSED ASSISTANT ENGINEERS, RETIRED LIST.

With relative rank of Lieutenant, retired from incapacity resulting from long and faithful service.

Robert H. Gunnell.—Appointed from District of Columbia. *Third Assistant Engineer,* February 17, 1860; *Second Assistant Engineer,* June 27, 1862; *First Assistant Engineer,* March 1, 1864. Served in the Blockading Squadron during the Rebellion; "Delaware," Asiatic Station, 1869–70. Retired, July 3, 1873.

Alexander V. Fraser.—Appointed from New York. *Second Assistant Engineer,* September 21, 1861; *First Assistant Engineer,* October 15, 1863; *Passed Assistant Engineer,* February 24, 1874. Served in the Blockading Squadron during the Rebellion; "Dictator," North Atlantic Squadron, 1870–2. Retired, March 24, 1874.

Caleb E. Lee.—Appointed from New York. *Third Assistant Engineer,* April 4, 1861; *Second Assistant Engineer,* October 29, 1862; *First Assistant Engineer,* January 1, 1865; *Passed Assistant Engineer,* February 24, 1874. "Mahopac," North Atlantic Station, 1874–6. Retired, December 2, 1876.

John D. Toppin.—Appointed from New York. *Third Assistant Engineer,* July 1, 1861; *Second Assistant Engineer,* December 18, 1862; retired,

May 11, 1867. Promoted to *Passed Assistant Engineer* on retired list, July 24, 1867.

R. B. Plotts.—Appointed from Pennsylvania. *Third Assistant Engineer,* July 1, 1861; *Second Assistant Engineer,* December 18, 1862; retired, January 16, 1866. Promoted to *Passed Assistant Engineer* on retired list, July 24, 1867.

Charles H. Greenleaf.—Born in New York. Appointed *Third Assistant Engineer,* 1861; steam-gunboat "Owasco," West Gulf Squadron, 1861–3. Promoted to *Second Assistant Engineer,* 1863; "Galena," Gulf Squadron, 1863–4; "Sagamore," Gulf Squadron, 1865–6. Promoted to *First Assistant Engineer,* 1866; "Suwanee," Pacific Fleet, 1867–9; "Congress," European Station, 1871–4; Bureau of Steam-Engineering, Navy Yard, New York, 1874–6; Naval Academy, 1876–8. Retired, July 18, 1885.

Rudolph T. Bennett.—Born in Maryland. Appointed *Third Assistant Engineer,* 1862; "Seneca," South Atlantic Station, 1862–5. Promoted to *Second Assistant Engineer,* 1863; "Shamokin," Brazil Squadron, 1865–9. Promoted to *First Assistant Engineer,* 1868; "Saugus," North Atlantic Fleet, 1869; "Guerriere," European Squadron, 1870–2; "Dictator" (iron-clad), North Atlantic Station, 1873–4; sick-leave, 1875–7; "Tallapoosa," 1877–8. Retired, May 21, 1880.

Edwin T. Philippi.—Born in Pennsylvania. Appointed *Third Assistant Engineer,* 1862; "Canandaigua," S. A. Station, 1862–4. Promoted to *Second Assistant Engineer,* 1863; "Pensacola" (second-rate), 1865–6; "Kearsarge," Pacific Fleet, 1867–70. Promoted to *First Assistant Engineer,* 1868; Navy Yard, Philadelphia, 1871–3; "Kansas," N. A. Station, 1873–5; special duty, Philadelphia, 1875–6; Bureau of Steam-Engineering, 1877–8; "Lancaster," European Station, 1880–3. Retired, June 21, 1884.

John J. Bissett.—Born in New Jersey. Appointed *Third Assistant Engineer,* 1862; "Monongahela," N. A. Station, 1862–5. Promoted to *Second Assistant Engineer,* 1864; "Nyack," S. P. Station, 1866–8; "Severn," N. A. Station, 1869–71; "Kearsarge," Asiatic Station, 1873–4; sick-leave, 1874–5; "Adams," S. A. Station, 1876–8. Retired, October 21, 1882.

H. C. Blye.—Appointed from Pennsylvania as *Third Assistant Engineer,* November 17, 1862; *Second Assistant Engineer,* March 23, 1864; *Passed Assistant Engineer,* January 1, 1868. Retired, October 28, 1874, in consequence of injuries received in the wreck of the U. S. S. "Saginaw," on Ocean Island, Pacific Ocean, October 28, 1871; from February 1, 1870, to October 25, 1870, was Resident Superintendent Engineer of the Submarine Operations for improving the channel to Seward Harbor, Midway Islands, Pacific Ocean (the design being to establish there a coaling station for the Pacific Mail Steam-ship Co.), and in charge of the government property; was cast away in the U. S. S. "Saginaw" on Ocean Island, October 28, 1870, remaining on that island (a sand-spit) until January 5, 1871, when the ship's company was rescued by a steamer of the Hawaiian Government.

James J. Barry.—Born in Maryland. Appointed from Maryland as *Third Assistant Engineer,* 1862; steam-sloop "Canandaigua," South Atlantic Blockading Squadron, 1862 to 1865; attack on Fort Sumter and the defences of Charleston, April 7, 1863; bombardment of Morris Island batteries, and other engagements during the siege of Charleston; volunteered for the night assault on Fort Sumter, September 8, 1863. Promoted to *Second Assistant Engineer,* April 8, 1864; upon detachment of the Chief Engineer, in 1864, was Acting Chief Engineer of the ship, and continued in

that capacity until the close of the war. While blockading off Georgetown, S. C., took a boat's crew, went up the river into the enemy's country, and disabled the machinery of a tug which had run ashore in trying to get up the river to Georgetown. Selected by Captain M. B. Harrison, Senior Officer present off Georgetown, to go on shore in the tender to "Canandaigua," at the rivers and inlets where torpedoes had been captured, to open and remove from them their caps, fuses, and other mechanical devices, which were forwarded to the Department. Detached from "Canandaigua," April 5, 1865; ordered to steam-sloop "Pensacola," August 6, 1866. Commissioned as *First Assistant Engineer*, January 1, 1868; detached from flag-ship "Pensacola, North Pacific Squadron, June, 1869; October 8, 1869, ordered to iron-clad "Miantonomah;" October 25, detached from "Miantonomah;" November 27, 1869, ordered as Assistant to Inspector Machinery afloat, Navy Yard, New York; detached, July 9, 1870, and ordered to iron-clad "Dictator," at Key West, Fla.; came North with the iron-clad fleet, June, 1871, the "Dictator" going out of commission, and was placed on waiting orders; January 4, 1872, ordered on rendezvous duty in shipping machinists and firemen for the navy; continued on this duty until February 15, 1873, when ordered to "Juniata," which was sent to the Arctic regions on the "Polaris" Search Expedition; on the arrival of the ship from her Arctic cruise she was sent to Santiago de Cuba, and brought home the "Virginius" prisoners, 102 in number; participated in naval drill at Key West, and sailed thence, April 8, to join European Squadron; detached from "Juniata," February 16, 1876; waiting orders, 1876–77; receiving-ship "Colorado," 1877–9; special duty, New York, 1879–80; "Wachusett," South Atlantic and Pacific Squadrons, 1881; receiving-ship "Colorado," October 29, 1883; detached from "Colorado" and ordered to Asiatic Station in the U. S. S. "Alert;" on her arrival was ordered to her as Senior Engineer; May 30, 1884, detached and ordered to flag-ship "Trenton," Asiatic Station; September 16, 1886, detached from "Trenton;" 1877–8, Navy Yard, New York; 1889–90, experimental duty; also member of Board to test Coil Boilers; retired, January 2, 1891.

John Pemberton.—Born in New York. Appointed *Third Assistant Engineer*, 1862; "Canandaigua," S. A. Station, 1862–4; Naval Academy, 1864–6. Promoted to *Second Assistant Engineer*, 1864; "Powhatan," Pacific Fleet, 1867–9. Promoted to *First Assistant Engineer*, 1868; Naval Academy, 1869–73; "Plymouth," N. A. Station, 1874–6; special duty, League Island, 1877–9; Coast Survey steamer "Blake," 1879–80; special duty, Examining Board, 1882–3; Naval Rendezvous, 1884–6; "Monocacy," Asiatic Station, 1886–9; special duty, Philadelphia, 1889–90. Retired, September 14, 1891.

James W. Hollihan.—Born in Ireland. Appointed *Third Assistant Engineer*, December 8, 1862; "Housatonic," S. A. Station, 1864; S. A. B. Squadron, 1865; "Shawmut," Brazil Station, 1866. Promoted to *Second Assistant Engineer*, July 25, 1866; "Nipsic," S. A. Station, 1867; waiting orders, 1868. Promoted to *First Assistant Engineer*, 1868; "Richmond," European Fleet, 1870; Darien Surveying Expedition, 1871; Navy Yard, New York, 1872–5; special duty, Centennial, 1876; special duty, 1877; "Swatara," N. A. Station, 1877–8. Retired October 31, 1879.

Jonathan M. Emanuel.—Entered the service, August 25, 1862; October 10, 1862, ordered to iron-clad "Keokuk," New York, and detached from same, April 13, 1863; May 23, 1863, ordered to the "San Jacinto," flag-ship of the East Gulf Blockading Squadron, and was attached to her until

January 1, 1865, at which time she was wrecked off Abaco Island, Green Turtle Key, Bahamas; remained (Green Turtle Key) until February 10, 1865, when was sent to Key West, in the "Tallapoosa;" October 7, 1863, temporarily detached from the "San Jacinto," and sent in charge of the prize steamer "Lizzie Davis" to New Orleans, February 2, 1864. Promoted to *Second Assistant Engineer*, April 27, 1865; ordered to the "Shawmut," cruising to Europe and in the South Atlantic, and December 3, 1866, was detached from this ship; December 12, 1866, ordered to the Boston Navy Yard, and to the Rendezvous to examine firemen, and on May 27, 1867, was detached from this duty; May 28, 1867, was ordered to the "Guerriere," flag-ship of the South Atlantic Squadron; June 8, 1868, detached from the "Guerriere," and ordered to the "Shamokin;" September 10, 1868, detached from the "Shamokin," and ordered back to the "Guerriere;" May 31, 1869, detached from the "Guerriere," and ordered to the "Kansas," South Atlantic Squadron; June 6, 1869, promoted to *First Assistant Engineer;* September 16, 1869, detached from "Kansas;" July 9, 1870, ordered to the "Dictator," at Key West, and June 22, 1871, detached from the "Dictator;" July 2, 1873, ordered to Navy Yard, Philadelphia, Pa.; August 11, 1873, detached from Navy Yard and ordered to the "Tuscarora;" engaged in taking a line of soundings for a submarine cable between San Francisco, Cal., and Yokohama, Japan; July 31, 1876, detached from the "Tuscarora;" January 29, 1878, ordered to the trial of the "Quinnebaug's" engines, Philadelphia, Pa., and detached March 4, 1878; March 21, 1878, ordered in charge of machinery of iron-clads, "Ajax," "Catskill," "Lehigh," "Mahopac" and "Manhattan," then anchored in the James River, off Brandon, Va., and July 17, 1880, detached from that duty; ordered to the "Alaska," South Pacific Squadron, 1881–3; "Alliance," N. A. Station, 1883–5; charge of iron-clads, League Island, 1886–9; "Mohican," Pacific Station, 1889–90. Retired, April 8, 1891.

John C. Kafer.—Born in New Jersey. Appointed *Third Assistant Engineer*, January 16, 1863; "Ticonderoga," West India Squadron, 1863; "Mackinaw" and "Minnesota," 1864–5; "Kearsarge," European Squadron, 1866. Promoted to *Second Assistant Engineer*, May, 1864; "Susquehanna," N. A. Station, 1867–8; Naval Academy, 1868–74. Promoted to *First Assistant Engineer*, 1872. Promoted to *Passed Assistant Engineer*, 1874; "Tennessee," Asiatic Station, 1875–8; Naval Academy, 1878–82; "Despatch," special service, 1882–5; Bureau of Steam-Engineering, Navy Department, 1885–6; special service, designing new cruisers, 1887. Retired, June 18, 1888.

W. A. H. Allen.—Entered, April 21, 1863; ordered to gunboat "Cayuga," West Gulf Squadron, May 28, 1863. Promoted to *Second Assistant Engineer*, September 28, 1864; detached July 24, 1865; ordered to special duty, in Boston, December 12, 1865; ordered to "Ashuelot," March 14, 1866, and sailed for China; ordered home, August 27, 1869; ordered to trial of "Congress," February 16, 1870; ordered to "Pilgrim," April 20, 1870, to convoy "Terror" to Key West; ordered to Pensacola Navy Yard, August 1, 1871; detached, Nov. 3, 1871; ordered to Pensacola Navy Yard, September 28, 1872; ordered to Philadelphia for examination, January 8, 1873; promoted, November 22, 1872; ordered to "Saugus," Key West, March 1, 1873; April 25, ordered to "Terror," and May 6 to "Richmond," and sailed for San Francisco; ordered home, October 11, 1875; ordered to special duty, Philadelphia, January 31, 1876, and to special duty in New York, December 21, 1876; ordered to Bureau, February 21, 1877; as mem-

ber of Board on Ventilation, August 11; as member of Board on "Puritan," August 30; as member of Board on Refrigerating-ship, May 2, 1879; "Lancaster," European Station, 1881–4; Bureau of Steam-Engineering, 1884–9. Retired, June 14, 1890.

Charles Henry Manning.—Born in Baltimore, Md., June 9, 1844. Educated in Baltimore and at Lawrence Scientific School, Harvard University, Cambridge, Mass., class of 1862; appointed *Third Assisant Engineer*, February 19, 1863; special duty, steamer "Adelaide," 1863–5. Promoted *Second Assistant Engineer*, June, 1864; "Dacotah," Pacific Squadron, 1865–8; "Seminole," N. A. S., 1869–70; Naval Academy, 1870–5. Promoted to *First Assistant Engineer*, 1872; "Swatara," 1875–7; Naval Academy, 1877–80; "Despatch," special service, 1880–2; member of Advisory Board for Rebuilding Navy, 1881. Retired, June, 1884. Since 1882 resident of Manchester, N. H.

David M. Fulmer.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, April 21, 1863; "Shenandoah," N. A. Station, 1863–5. Promoted to *Second Assistant Engineer*, 1864; "Metacomet," Gulf Squadron, 1865; "Chattanooga," 1865–6; "Sacramento," special service, 1866–7; U. S. S. "Gettysburg," 1868–9; Navy Yard, League Island, 1870–1; "Ashuelot," Asiatic Station, 1871–4. Promoted to *First Assistant Engineer*, 1872; Naval Rendezvous, Philadelphia, 1874–5; U. S. iron-clad monitor "Lehigh," 1875–6; "Vandalia," European Station, 1876–8; Navy Yard, League Island, 1878–9; "Lackawanna," Pacific Station, 1879–82. Retired, April 26, 1884.

William L. Bailie.—Born in Maryland. Appointed *Third Assistant Engineer*, 1863; "Cimerone," S. A. B. S., 1863–5, and participated in all the general naval engagements about Charleston of the boarding party, and served a few days on the captured Confederate ram "Atlanta." Promoted to *Second Assistant Engineer*, 1864; "Juniata," S. A. S, 1865–7; "Wampanoag," 1867–8; "Franklin," E. S., 1868–70; Norfolk Navy Yard, 1871–2; tug duty, Norfolk, 1872–3; Navy Yard, Portsmouth, N. H., 1873; tug "Fortune," surveying duty, 1873–4. Promoted to *First Assistant Engineer*, 1874; "Catskill" (iron-clad), N. A. S., 1875–6; "Ranger" and "Palos," Asiatic Station, 1877–80; Navy Yard, New York, 1880; "Passaic" (receiving-ship), Washington, 1880; Navy Yard, Washington, 1880–1; Executive Mansion, 1881; "Fish Hawk" (Fish Commission), 1882–3; special duty, Fish Commission, 1883–5. Retired, June 30, 1885.

George S. Gates.—Appointed from Maryland. *Third Assistant Engineer*, January 16, 1863; *Second Assistant Engineer*, May 28, 1864; *First Assistant Engineer*, January 31, 1874; *Passed Assistant Engineer*, February 24, 1874; Pacific Fleet, 1868–71; "Iroquois," 1872; "Marion," N. A. Station, 1873–5; "Marion," European Station, 1875–9; Navy Yard, Norfolk, 1879–81; "Richmond," Asiatic Station, 1881–3. Retired, June 7, 1884.

John A. Tobin.—Appointed an *Assistant Engineer* with rank of *Ensign*, October 4, 1870; ordered to the "California," November 28, 1870; detached, September 11, 1871, and ordered to the "Mohican;" detached from the "Mohican," June 6, 1872, and ordered to the Navy Yard, Mare Island, California; detached, August 9, 1872, and ordered to the "Benicia;" detached from the "Benicia," November 18, 1873, and ordered to the Navy Yard, Boston, Mass.; July 24, 1874, ordered to special duty, under Chief Engineer Chas. H. Loring, U. S. N., and Mr. Chas. E. Emery, U. S. R. M., in connection with the trial of the revenue cutter, for the purpose of determining the relative merits of the simple and compound engine; detached

from the Navy Yard, Boston, July 10, 1875, and ordered to the "Fortune;" detached from the "Fortune," August 7, 1875, and ordered to the "Swatara." Promoted to *Passed Assistant Engineer*, with the rank of *Lieutenant*, October 2, 1877; detached from "Swatara," July 3, 1878; ordered to the Navy Yard, Portsmouth, N. H., August 29, 1878; detached from the Navy Yard, Portsmouth, N. H., February 10, 1881, and ordered to special duty at Glasgow, Scotland, to obtain professional information deemed useful to the naval service, and when completed returned to the United States and made a written report to the Bureau of Steam-Engineering; July 1, received a letter from the Navy Department informing him of the convening a board to report upon a plan for building up the material of the navy, and directing him to procure such plans and specifications of new and valuable designs of hulls, machinery, armament, etc., as could be obtained. After making a number of reports and furnishing a quantity of confidential matter to the Navy Department, returned to the United States, reporting his arrival, October 31, 1881; special duty, 1881–3; "Powhatan," special duty, 1883–6; special duty, Washington, 1886–7; "Pensacola," special duty, 1889–90. Retired, October 20, 1890.

Robert D. Taylor.—Born in Maryland. Appointed *Third Assistant Engineer*, 1863; "Minnesota," North Atlantic Station, 1863–5. Promoted to *Second Assistant Engineer*, 1865; "Winooski," North Atlantic Station, 1865–7; "Tuscarora," Pacific Fleet, 1869–71; League Island, 1871–2; "Wyoming," North Atlantic Station, 1872–4. Promoted to *First Assistant Engineer*, 1873; "Intrepid" (torpedo-boat), 1874; "Manhattan" (iron-clad), North Atlantic Station, 1874–6; "Rio Bravo," special service, 1877–81; "Adams," Pacific Station, 1882–4; Navy Yard, Washington, 1885–7; "Marion," Asiatic Station, 1887–9; Navy Yard, Portsmouth, N. H., 1890–1. Retired, April 23, 1892.

Robert Crawford.—Born in Pennsylvania. Appointed *Third Assistant Engineer*, 1863; "Chippewa," South Atlantic Station, 1863–5; special duty, Philadelphia, 1866. Promoted to *Second Assistant Engineer*, 1864; "Swatara," West Indies and European Squadrons, 1867–9; Naval Academy, 1870–3; "Monongahela," South Atlantic Station, 1874–6. Promoted to *First Assistant Engineer*, 1874; Naval Academy, 1877–9; "Tuscarora," Pacific Station, 1879–80; "Kearsarge," North Atlantic Station, 1880–2; Instructor, Spring Garden Institute, Philadelphia, 1882–5; "Alert," Pacific Station, 1887–9. Retired, June 30, 1892.

Chas. F. Nagle.—Entered the navy August 3, 1863; assigned to duty on board the U. S. steamer "Pembina," October 7, 1863; served in the West Gulf Blockading Squadron, from October, 1863, to the close of the war; participated in the attack on Fort Morgan, Mobile Bay, August 4, 1864; served on board the U. S. steamer "Chickopee," from July, 1865, to January, 1867. Commissioned as *Second Assistant Engineer*, July 26, 1866; served on the U. S. steamer "Winooski," in the West Indies, in 1867, and on the U. S. steamer "Tuscarora," South Pacific Station, in 1868–9; on the iron-clad "Ajax," 1870–1; served on the Asiatic Station for three years, 1872 to 1875, on board the steamers "Saco" and "Monocacy." Promoted to the grade of *Passed Assistant Engineer*, in 1875, by commission dated April 14, 1874; assigned to the iron-clad "Nantucket," shortly after returning from China, in 1875; detached, May, 1876; on shore-duty at Boston, and Portsmouth, N. H., Navy Yard, from January, 1877, to September, 1878; on duty on board the U. S. S. "Tuscarora," North Pacific Station, 1878–9; and on the U. S. steamer "Rio Bravo," in 1879–80, when the

"Rio Bravo" was transferred to the U. S. army, at Brownsville, Texas; on the U. S. S. "Yantic," 1880–3, North Atlantic Station; special duty, New York, 1884–6; "Quinnebaug," European Station, 1887–9; "Michigan," 1890–92. Retired, July 26, 1892.

William Rowbotham.—Appointed from Pennsylvania as *Second Assistant Engineer*, January 27, 1871; *Passed Assistant* November 25, 1877; "Monocacy," Asiatic Fleet, 1871–3; "Palos," Asiatic Station, 1873–4; Navy Yard, Philadelphia, 1875–7; "Marion," European Station, 1877–8; "Wyoming," European Station, 1878–80; Navy Yard, League Island, 1880–2; "Galena," North Atlantic Station, 1883–6; inspection duty, Philadelphia, 1887–9; "Baltimore," special service, 1890–2; R. S. "Independence," 1892–3. Retired, September 26, 1893.

Retired as not recommended for promotion, with relative rank of Lieutenant.

B. C. Bampton.—Appointed as *Third Assistant Engineer*, May 20, 1857. Promoted to *Second Assistant Engineer*, August 2, 1859. Promoted to *First Assistant Engineer*, December 17, 1862; and retired as a *Passed Assistant Engineer*, May 6, 1873; made first cruise to the East Indies in the steamer "Mississippi," starting in July, 1857, and returned in January, 1860; after a leave of absence of six months, was ordered to the steamer "Susquehanna" (July, 1860), and this vessel was ordered to the Mediterranean Squadron, where she remained till May, 1861, when she was ordered home, arriving in Boston in June, same year; before the arrival of the "Susquehanna" at Boston, he was detached and ordered to the sloop "Iroquois" the "Iroquois" cruised in the West Indies for the "Jeff Davis" and the "Sumter," till ordered to join Admiral Farragut's Squadron in March, 1862; the "Iroquois" took part in the engagement of Forts Jackson and St. Philip, and the capture of New Orleans, and later went above Vicksburg with the squadron; August, 1862, detached from the "Iroquois," and ordered to the S. "Albatross," as Senior-Engineer; the "Albatross was ordered to proceed to the mouth of the River Rio Grande, Texas, to look out for blockade-runners; detached from the "Albatross," October, 1862, and ordered as Senior-Engineer of a prize steamer, sent to Philadelphia; was then detached from the prize steamer and ordered to the New York Navy Yard, where he remained till January, 1863, when he was ordered to the monitor "Passaic" as Senior Engineer, then doing duty in the Savannah River; detached from the "Passaic" in April, 1863, and ordered North, the same month; and the month following, was ordered to the New York Navy Yard, where he remained till June, 1864, when detached and ordered to the steamer "Nyack" as Senior-Engineer; the "Nyack" was ordered to the North Atlantic Blockading Squadron, and participated in both bombardments of Fort Fisher, and the capture of Wilmington, N. C.; from New York, in the "Nyack," August, 1865, for the South Pacific Squadron, where he remained till March, 1868, when he was detached and ordered home; was then on waiting orders and shore duty till July, 1870, when he was ordered to the steamer "Nipsic" as Senior-Engineer; was detached from the "Nipsic," December, 1870, and placed on waiting orders till July, 1871, when he was ordered to the steamer "Kansas" as Senior-Engineer, which vessel was ordered to take a surveying party to Nicaragua, to survey for the canal; was detached from the "Kansas," November, 1872, and placed on the retired list in May, 1873.

Retired in conformity with Act of February 28, 1855, *with relative rank of Lieutenant.*

Benjamin Kavanaugh.—Appointed from District of Columbia. *Third Assistant Engineer,* May 3, 1859; served in Blockading Squadron during the Rebellion. Retired as *Passed Assistant Engineer,* July 24, 1867.

Levi T. Safford.—Born in New York. Appointed *Third Assistant Engineer,* December 8, 1862; gunboat "Paul Jones," South Atlantic Station, 1864–6. Promoted to *Second Assistant Engineer,* July 25, 1866; waiting orders, 1867; "Wampanoag," 1868. Promoted to *First Assistant Engineer,* 1868; "Nipsic," Darien Expedition, 1869–70; "California," flag-ship, Pacific Fleet, 1871–3; Naval Rendezvous, New York, 1874; "Dictator" (iron-clad), 1875–6; Navy Yard, Pensacola, 1877–80. Retired, October 11, 1881.

NAVAL CONSTRUCTORS ON THE ACTIVE LIST.

Theodore D. Wilson.—Born in Brooklyn, N. Y., May 11, 1840. Served a regular apprenticeship as a shipwright under Naval Constructor Benjamin F. Delano, at the Navy Yard, Brooklyn, N. Y. At the commencement of the Civil War he was a non-commissioned officer in Co. B, 13th Regiment, N. Y. S. M., and went to the front with the regiment on the 23d of April, 1861, serving with it in the first three months' campaign. On the return of the regiment he was appointed a carpenter in the navy, on Aug. 3, 1861, and served afloat in the North Atlantic Blockading Squadron, on the U. S. S. "Cambridge," until 1863. The "Cambridge" was engaged in the first day's fight in Hampton Roads, with the "Merrimac," "Yorktown," and "Jamestown." In December, 1863, he was ordered to a special duty in New York, with Rear-Admiral Francis H. Gregory, General Superintendent of all work outside of Navy Yards, and by his orders was entrusted with the building, repairing and alteration of scores of vessels, involving the exercise of great judgment and skill. He remained on this important duty until May 17, 1866, when he was examined for and appointed an *Assistant Naval Constructor* in the Navy, and ordered to duty in charge of the Construction Department at the Navy Yard, Pensacola, Florida. In December, 1867, he was ordered to the Navy Yard, Philadelphia; detached on the 3d of July, 1869, and ordered to the Naval Academy, Annapolis, Md., as Instructor in Ship-building and Naval Architecture, where he remained for a period of four years. In the summer of 1870 he was ordered by the Department to England and France, on special service. This duty was satisfactorily performed and much reliable information obtained for the naval service. On July 6, 1873, he was detached from the Naval Academy and ordered to the Navy Yard, Washington, D. C. He was commissioned a *Naval Constructor,* July 1, 1873, and the 1st of June, 1874, he was ordered as Naval Constructor at the Navy Yard, Portsmouth, N. H.; while attached to that yard he was ordered as a member of the First Naval Advisory Board, organized by Secretary Wm. H. Hunt, in 1881. In March, 1882, he was nominated by President Arthur, and confirmed as Chief Constructor of the Navy. In December, 1886, he was re-nominated by President Cleveland, and again confirmed; and for the third time was nominated by President Harrison, and confirmed, in December, 1891—an honor which very few officers have ever had conferred upon them in the history of the Navy. The calculations and plans of the first steel ship of the new navy (the "Chicago") were prepared in the Bureau of Construction and Repair under his supervision; and from that time until the present, with the exception of the plans of the "Baltimore,"

"Charleston," and "Texas," which were purchased abroad, the "Philadelphia" and "Vesuvius," designed by Messrs. Cramp & Sons, and the "Cushing," built by the Herreshoffs, the plans of all the other vessels of the new navy have been prepared under his direction. In other words, calculations and plans have been made for the completion of five (5) double-turreted monitors of an aggregate displacement of 22,020 tons; the harbor defense vessel "Monterey," of 4135 tons; the harbor defense ram "Katahdin," of 2183 tons; the armored cruisers "Maine," "New York," and "Brooklyn," aggregating 22,948 tons; the sea-going battle-ship "Iowa," of 11,250 tons; the coast-line battle-ships "Indiana," "Massachusetts," and "Oregon," aggregating 30,600 tons; the steel cruisers "Chicago," "Boston," "Atlanta," "Newark," "San Francisco," "Raleigh," "Montgomery," "Detroit," "Marblehead," "Olympia," "Columbia," "Cincinnati," and "Minneapolis," aggregating 51,610 tons; the gunboats "Yorktown," "Concord," "Bennington," "Petrel," "Machias," and "Castine," aggregating 8,090 tons; one practice cruiser, "Bancroft," of 838 tons; one torpedo boat of 120 tons; three steel tugs, aggregating 576 tons; one armored cruising monitor of 3,130 tons; one torpedo cruiser of 800 tons; making a total of forty new vessels designed in the Bureau, with an aggregate displacement of 158,300 tons. When Chief Constructor Wilson assumed the duties in 1882, the work in the Drawing Room of the Bureau of Construction and Repair was of very little importance, it being confined to one small room, with one draughtsman borne upon the rolls of the Bureau, assisted by the draughtsman from the Washington Yard. The extent of the work required to be done in the matter of designs, calculations, and the voluminous correspondence incident to the work of building up the new navy, have resulted in the bringing together and the educating of a very large number of draughtsmen, assistant draughtsmen, and others connected with the work. On the advent of Chief Constructor Wilson into office, in 1882, none of the Navy Yards of the country were in condition for building steel ships. Since then the Navy Yards at New York and at Norfolk, Va, have been thoroughly equipped. The "Maine" and "Cincinnati" have been built at New York, the "Texas" and "Raleigh," at Norfolk. Ship-building tools for the Navy Yards at Mare Island, League Island, Boston and Portsmouth, N. H., have been purchased, and most of them are already erected in place and ready for work; when completed these yards can, in case of emergency, be utilized for the building and repairing of any class of vessels. One of the greatest honors that could be conferred upon any man in a professional capacity, was conferred by the Institution of Naval Architects, of England, on the 14th day of January, 1893, when Chief Constructor Wilson was elected an Honorary Member of that body, there being but five Honorary Members of this distinguished institution. On the 15th of September, 1893, he was made an Honorary Member of the Technical Society of the Pacific Coast. Chief Constructor Wilson's third term of office would have expired on the 15th of December, 1894; but his health, which had been seriously undermined by sickness, compelled him to resign his position on the 13th of July, 1893, and he was granted two years' leave of absence.

Philip Hichborn.—Born at Charlestown, Mass., March 4, 1839. Indentured at sixteen to Government as Shipwright Apprentice, in which he served his time. During indenture, as a recognition of merit, Secretary Toucey ordered that Hichborn receive a course of theoretical training in ship designing and calculating under Professor Molle; in 1860, as one of the ship's officers, he made a voyage in the clipper-ship "Dashing Wave," from

Boston to San Francisco; shortly after arrival in California, he entered Government employ at Navy Yard, Mare Island; passing through the various civilian positions in the Construction Department at that Yard, he was made *Master Shipwright*, at the age of 23; June 26, 1869, was appointed *Assistant Naval Constructor;* April 23, 1870, was detached from duty at Navy Yard, Mare Island, and ordered to Navy Yard, Portsmouth, N. H., where he reported June 13 following. Received commission as *Naval Constructor*, March 12, 1875, after passing number one in a competitive examination; on December 15, 1875, was detached from Navy Yard, Portsmouth, N. H., and ordered to Navy Yard, League Island, Pa.; while at League Island fitted out old frigate "Constitution," to carry goods to Paris Exposition; completed "Quinnebaug," rebuilt "Ossipee," "Standish," and "May Flower," and repaired a large number of other vessels; in 1880, was made a member of first Naval Advisory Board; in addition to regular duties at League Island, had charge of work on the monitors "Terror," "Amphitrite," and "Puritan;" was member of Board of Inspection and Survey from September 25, 1883, until November 9, 1889; June 2, 1884, was sent on special duty abroad to make a tour of the dock-yards of Europe, and to report the result upon return to the United States; October 31, 1884, after return from Europe, was detached from Navy Yard, League Island, and ordered to the Navy Department as Assistant to Chief of Bureau of Construction and Repair, and concurrently to the Navy Yard, Washington, D. C., as Naval Constructor at that station, in conjunction with duties at the Navy Yard, and at the Bureau of Construction and Repair. Appointed *Chief of Bureau of Construction and Repair*, and *Chief Constructor, U. S. Navy*, July 12, 1893; received commission September, 7, 1893.

Frank L. Fernald (with relative rank of Commander), is a native of Maine. He was appointed an *Assistant Naval Constructor* from Massachusetts on the 4th of May, 1871, and was promoted to *Constructor* March 12, 1875; was stationed at Navy Yard, Boston, from date of first appointment, until December, 1873, when he was ordered as Inspector of the sloops-of-war "Alert" and "Huron," building at Chester, Pa., and of the "Ranger," building at Wilmington, Del.; on the completion of these vessels, was ordered to Navy Yard, Washington, and in addition to his duties there, was in charge of several monitors and other vessels repairing at Baltimore, Wilmington, Del., and Chester, Pa.; in December, 1876, was detached from Washington Navy Yard, and ordered to duty in Bureau of Construction and Repair at Navy Department; from 1877 to 1882, was on duty as Inspector of the Monitors at Wilmington and Chester; was a member of the Advisory Board from October, 1882, until January, 1887, during which time the Board designed the "Chicago," "Boston," "Atlanta," and "Dolphin." All of these vessels were constructed under the Board's supervision. From 1887 to 1891, was on duty at Union Iron Works, San Francisco, as Inspector of the "Charleston," "San Francisco," and "Monterey;" April 8, 1891, was detached and ordered to Navy Yard, New York, where he reported for duty on the 18th of May, and since which time he has been in charge of the department. Constructor Fernald's duty since entering the service until 1891, has been almost entirely special, principally in connection with the designing and building of new vessels.

William Henry Varney.—Was born in Wolfborough, N. H., April 19, 1838. His ancestors were among the first settlers of New Hampshire. He removed to Boston with his parents when he was eight years of age. He graduated from the public schools of Boston in 1853, taking one of the

Franklin medals of honor. Upon leaving school he went to work in the Suffolk Bank, Boston, counting money. This business was not to his liking. He spent all of his spare time studying boats, ships and drawing. In the spring of 1855 he left the bank and entered the works of Samuel H. Pook (now Naval Constructor U. S. N., retired), for the purpose of learning the science of Naval Architecture and ship-building. In the winter of 1858–59, at the age of twenty Mr. Varney opened a Mould Loft in East Boston, at that time the ship-building centre of New England. His first design was the bark "Nonpareil," built for the Mediterranean trade. At that date most of the foreign trade was done in sailing vessels, and the great competition among ship-builders was to build the most successful ship for the cotton trade. Mr. Varney designed the bark "Aaron L. Read" (name afterwards changed to "Robert," under English colors), for the Galveston trade, which was the first large sailing vessel to leave Galveston with a full cargo; this vessel was built in the summer of 1859. Mr. Varney continued to carry on the business of Naval Architecture in Boston until July, 1869, when he was appointed *Assistant Naval Constructor* in the U. S. N. For seven years previous to his entrance of the Naval Service, he designed or did the Mould Loft work for the majority of the vessels built in Boston and vicinity, among them were some of the best vessels in the East India trade. He was the designer of the first vessel which ever carried successfully liquids (molasses), in bulk—the iron brig "Novelty." Since his entry into the Navy he has been on duty at nearly all of our Navy Yards or stations. His present commission as *Naval Constructor* is dated March, 1875. For the last six years he has been employed in superintending vessels being built by contract for the new Navy. In 1877 Constructor Varney published a very explicit treatise on the Mould Loft.

John F. Hanscom.—Appointed *Assistant Naval Constructor* from Massachusetts, July 29, 1875; Navy Yard, Boston, July, 1875, to November, 1875; Bureau of Construction and Repair, November, 1875, to April, 1876; Navy Yard, Boston, April, 1876, to October, 1877; Navy Yard, League Island, October, 1877, to July, 1878; Navy Yard, Boston, July, 1878, to July, 1883; special duty under Naval Advisory Board, Chester, Pa., to superintend construction of "Chicago" and "Dolphin," July, 1883, to June, 1887; special duty under Naval Advisory Board, and as member of same, Navy Yard, New York, June, 1887, to June, 1888; Inspector of Hull-Work at Cramp's ship-yard, July, 1888, to date; from November, 1889, to June, 1891, he performed additional duty as member Board of Inspection and Survey. Promoted *Naval Constructor*, October 10, 1888.

John B. Hoover.—Appointed *Assistant Naval Constructor*, July 29, 1875; ordered to Navy Yard, Philadelphia, July, 1875, to November, 1876; Navy Yard, New York, November, 1876, to March, 1879; member of Board on Public Duty in Florida, November, 1879, to May, 1879; New York Navy Yard, May, 1879, to June, 1879; duty at Chester, June, 1879, to October, 1879; Pittsburg, Pa., superintending the rolling of the armor plating for the "Miantonomah," October, 1879; New York Navy Yard, November, 1879, to March, 1880; New York Navy Yard, April, 1880, to August, 1883; Chester, Pa., as superintending Naval Constructor, building the "Boston" and "Atlanta," August, 1883, to November, 1886; Navy Yard, New York, November, 1886, to October, 1887; Cramp & Son's ship-yard, to superintend the building of the "Newark," "Philadelphia," "Baltimore," "Yorktown" and "Vesuvius," October, 1887, to May, 1888; May, 1888, ordered to New York Navy Yard, in connection with the building of

the "Maine," and on June 30 relieved Naval Constructor S. H. Pook as Constructor of the Yard; detached September, 1889, and ordered to Portsmouth, N. H., Navy Yard, and in addition to duties at this yard, to superintend the building of gunboats Nos. 5 and 6, and the ram No. 1, building at Bath, Maine.

Joseph Feaster.—Appointed from Pennsylvania. *Assistant Naval Constructor*, July 29, 1875; *Naval Constructor*, October 10, 1888.

Francis T. Bowles.—Entered Naval Academy as *Cadet Engineer*, September 15, 1875. Graduated, June 10, 1879. Entered Royal Naval College, Greenwich, England, as student of Naval Architecture, October 1, 1879. Graduated, June 30, 1882. Appointed *Assistant Naval Constructor*, November 1, 1881; Secretary of Naval Advisory Board, Navy Department, 1882–6; Naval Constructor at Norfolk Navy Yard, 1886–94. Commissioned *Naval Constructor*, October 5, 1888.

Joseph H. Linnard.—Appointed *Cadet Midshipman*, June 21, 1877, from First District of Pennsylvania; graduated June 10, 1881; ordered to "Lancaster," August, 1881; transferred to "Galena," May 1, 1882; detached from "Galena," April, 1883; reported for final examination at the Naval Academy, Annapolis, May, 1883. Appointed *Assistant Naval Constructor*, July 1, 1883; ordered to Paris, France, for a special course of study in naval architecture and marine engineering at the Ecole Polytechnique and Ecole d'Application du Genie Maritime; ordered home, November, 1887; special duty, Navy Department, until May, 1888; ordered to duty, Norfolk Navy Yard. Promoted to *Naval Constructor*, March 3, 1891; May, 1891, ordered to duty, Mare Island Navy Yard; November, 1892, ordered to duty, Cramp's Shipyard.

Joseph J. Woodward.—Entered the Naval Academy in June, 1877; graduated in 1881, and ordered to the U. S. S. "Quinnebaug," on the Mediterranean Station, remaining there till ordered to Annapolis for final graduation, June, 1883. July, 1883, appointed an *Assistant Naval Constructor*, and ordered to Paris, France, on special duty; graduated at the Ecole Polytechnique in 1885, and at the Ecole d'Application du Genie Maritime in 1887; in January, 1888, ordered to special duty at the Bureau of Construction and Repair, Navy Department, until June, 1888, when ordered to the New York Navy Yard; in November, 1890, ordered to the Navy Department, as a member of a board to decide upon the method of fastening armor plates in position on armored vessels; continued on duty at the Bureau of Construction and Repair until February 13, 1894, during which period employed upon the designs of the torpedo-boat "Ericsson," 120 tons displacement, 24 knots speed, the armored cruiser "Brooklyn" of 9150 tons and 20 knots speed, the sea-going battle-ship "Iowa," 11,300 tons, 16 knot speed and light draft protected gunboats 7, 8 and 9; on the completion of the designs of the latter vessels, ordered February 15, 1894, to superintend their construction at the Newport News Ship-building and Dry Dock Co., Newport News, Va.

David W. Taylor.—Appointed from Virginia. *Assistant Naval Constructor*, August 14, 1886; *Naval Constructor*, December 5, 1891.

Samuel W. Armistead.—Entered the service from Virginia as a Cadet Engineer in 1879; graduated from the Naval Academy, June 10, 1883, as a *Naval Cadet*, and served two years at sea on the U. S. S. "Trenton." Passed final graduation in June, 1885, and was commissioned an *Ensign*; sent to Greenwich, England, in the fall of 1885, to take special course of study in naval architecture. Appointed *Assistant Naval Construc-*

tor, July 1, 1887, and graduated from Royal Naval College in June, 1888; on duty at Navy Yard, New York, from September, 1888, to January, 1890; January 1, 1890, ordered as Superintending Constructor of Cruiser No. 11 ("Marblehead"); May 1, 1892, granted a year's leave at the request of the Contractors for Cruiser No. 11, to complete the cruiser for them; July 1, 1893, ordered to duty at Navy Yard, Norfolk, Va.

Albert William Stahl.—Born in New York City, May 12, 1856; graduated at Stevens' Institute with degree of Mechanical Engineer, June, 1876. *Cadet Engineer*, U. S. Naval Academy, September, 1876, to June, 1880; practice cruise of Cadet Engineers on "Despatch," June to September, 1880; "Galena," September, 1880, to June, 1882, on European Station; then transferred successively to the "Quinnebaug," "Lancaster," and "Nipsic," returning to United States in latter vessel, March, 1883; June 10, 1882, promoted to *Assistant Engineer*; draughting room of Bureau of Steam-Engineering, April to August, 1883; August, 1883, to May, 1887, Professor of Mechanical Engineering at Purdue University, Lafayette, Indiana, during which time published, jointly with Assistant Engineer A. T. Woods, U. S. N., a text-book on "Elementary Mechanism;" "Chicago," June to August, 1887; resigned commission as Assistant Engineer, August 10, 1887. Appointed *Assistant Naval Constructor*, August 11, 1887; special duty at Cramp's ship yard, August, 1887, to May, 1888; various special duties, May to October, 1888; October, 1888, to September, 1889, Assistant Instructor in Naval Architecture and Ship-building, Naval Academy; September, 1889, to December, 1892, Assistant to Superintending Constructor, Union Iron Works, San Francisco, Cal.; October, 1889, to March, 1893, member of Naval Inspection Board on Pacific Coast and of board to prepare plans for conversion of merchant steamers of Pacific Coast into auxiliary naval vessels; July 9, 1892, promoted to *Naval Constructor*; since October, 1892, Inspector of Cellulose, and since December, 1892, Superintending Constructor of "Monterey," "Olympia" and "Oregon," at Union Iron Works.

William J. Baxter.—Appointed from Ohio. Entered Naval Academy, October 1, 1879; *Assistant Naval Constructor*, June 6, 1888; *Naval Constructor*, August 10, 1893; served two years at sea as Naval Cadet in "Lancaster" and "Kearsarge," and one year as Assistant Engineer in "Swatara;" sent abroad to pursue a special course in Naval Architecture in September, 1886, was two years in the famous ship-yard of Napier & Sons at Glasgow, and one year at l'Ecole d'Application du Genie Maritime at Paris; duty in the Navy Department, December, 1889, to February, 1890, and at the Norfolk Navy Yard since March, 1890.

NAVAL CONSTRUCTORS ON THE RETIRED LIST.

Retired after forty-five years' service, or on attaining the age of sixty-two years.

With relative rank of Commodore.

John W. Easby.—Appointed from District of Columbia. *Assistant Naval Constructor*, May 17, 1866; *Naval Constructor*, June 17, 1870. Retired, December 13, 1881.

Samuel Hartt Pook.—Was at the Portsmouth Navy Yard, under Benj. F. Delano, N. C., during the building of the U. S. steamer "Saranac;" at the Boston Navy Yard during the building of the U. S. ship "Plymouth,"

under instruction of his father, Samuel M. Pook, for four years; opened an office at Boston as Naval Architect, where he continued for fifteen years, during which time he designed nearly one thousand ships of various kinds, among them the celebrated clipper-ship "Red Jacket;" he laid out all the work for the builders, as well as designed their ships for them, having about fifty customers; he laid out the work for the first iron ships built by Harrison & Loring at South Boston; also the work required in ship-building of iron at the Atlantic Works, East Boston; he designed and superintended the construction of the iron steamship "Voyager de la Mer," built for the Pacha of Egypt under the contract with Mr. Stone; he designed the hulls of the steamers "Erie" and "Ontario," and laid out all the work for the builders of these ships; these ships were intended to run as a line between Boston and Liverpool; at the opening of our Civil War, he offered his services to the Government and was called to Washington, where he laid out the plans, under the Chief of the Bureau Lenthal, for the ninety-day gunboats; he superintended the construction of six of these steamers, with others; he laid down for Mr. Bushnell, and superintended the construction of the iron-clad "Galena" for the Government; he afterwards designed, built and launched for Mr. Bushnell sixteen steamships in four years, during which time he designed and built for Mr. Lay the "Spuyten Duyvel," torpedo-boat; among the vessels built and launched while ship-builder for Mr. Bushnell, was the famous yacht "Idler," which was Mr. Pook's design, and two of the lightest draught gunboats which were built during the war; he entered the Navy at the request of the Chief of Bureau Lenthal, after passing a rigorous examination, and was stationed at the Navy Yard, Portsmouth, N. H., for three years; then he was sent to the Boston Navy Yard; before entering the Navy, Mr. Pook had designed in detail a sloop of war which was advertised for by the Government; also three frigates for Mr. Westervelt, of New York, which were accepted by the Spanish Government; the opening of the Civil War only prevented their being built; the plans of the sloop of war were sold by Mr. Page to a foreign government. He was promoted from the Boston Yard to *Naval Constructor*, and ordered as an assistant in the Bureau of Construction and Repair; at the solicitation of some of the people of Boston, he was soon ordered back to the Boston Navy Yard, and fitted out, under the orders from the Navy Department and Commandant, the "Wabash," for Admiral Alden; he was then ordered to the Mare Island Navy Yard at his own request; while there he superintended the rebuilding of the "Kearsarge," giving her an entire new hull, but on the original lines, and he laid out the lines received from the Navy Department for the "Mohican," only the keel was laid under his superintendence; among other important work intrusted to Mr. Pook while there, was the fitting out of the "Lackawanna," under the orders of the Secretary of the Navy and the Commandant, in sixty days from the date of the reception of the order; the order was written "*without fail*," and the Commandant inspected the work completed on the fifty-ninth day, and pronounced it satisfactory; he was ordered back to Boston at the request of the workmen and others in that vicinity; while there the torpedo-boat "Intrepid" was finished and launched; from Boston he was ordered to New York; while there the "Alarm," torpedo-boat, and the "Trenton" (Bureau's design) were finished and launched, and other important work completed in repairs; he was ordered from New York to Boston at his own request, where he served under Commodore Foxhall Parker, and while there completed the drawings, models and calculations for an iron-clad ship, which he presented to the Naval Academy through Com-

modore Parker, for the benefit of the students under instructions; he received a letter of thanks for the same; he was ordered from Boston to Washington, D. C., Navy Yard; while there the "Tallapoosa" was rebuilt and launched, and several ships fitted out; he was eight months at League Island, and was the means of calling the attention of the Department and others to the desirability of building a Simpson's dock at that station; when Mr. Whitney was called to the Navy Department, he selected Mr. Pook for the New York Yard, where he was again detailed, and served acceptably until his retirement; while he was there the plant was ordered and the shops erected for the building of the "Maine," and the work of laying her out on the mould-loft floor was acceptably performed under the direction of the Navy Department from their plans, and under the direction of the Commandant; while in New York, Mr. Pook completed and forwarded to the Navy Department a very complete set of drawings for a first-class iron-clad ship; the plans and model were much admired; the Department had, however, previously made arrangements for the purchase of the plans for the intended ship abroad; Mr. Pook had previously made the drawings, upon the call of Secretary Chandler, for a cruising-ship of six thousand tons displacement; the plans were not adopted for the reason that it was thought a smaller ship was more desirable, and such a design was completed under the instructions of the Advisory Board; Mr. Pook was one of five gentlemen who called upon Secretary of the Navy Gideon Welles and advocated the building of iron-clad ships at the breaking out of the Civil War; Mr. Pook strongly opposed the completion of the wooden ship "New York" while at the Navy Yard, New York, and directed the plans for a steel armored cruiser in its place, which he presented to the Navy Department, stating that the great State of New York should be represented in the Navy by one of the best ships which could be built; the idea has since been carried out successfully in the magnificent ship "New York," from the Bureau's plans; Mr. Pook has received the personal thanks of Secretaries Robeson, Hunt and Whitney, for dispatch and good work while acting under their directions. Appointed *Assistant Naval Constructor*, May 17, 1866; *Naval Constructor*, April 15, 1871.

George W. Much.—Born in Philadelphia, June 22, 1825. Apprenticed to Naval Constructor John Lenthall, Navy Yard, Philadelphia, May 20, 1840, and served until twenty-one years of age, and subsequently in various capacities as Shipwright, Quarterman, and appointed Master Carpenter, May 7, 1863. Appointed *Assistant Naval Constructor*, May 18, 1866, and ordered to Boston Navy Yard; detached from there, July 21, 1869, and ordered to Navy Yard, Philadelphia. Commissioned *Naval Constructor*, April 15, 1871; detached from Navy Yard, Philadelphia, May 3, 1871, and ordered to Navy Yard, Washington; detached, June 25, 1873, and ordered to Navy Yard, Mare Island, California; detached, July 1, 1879, and ordered to Yokohama, Japan; from thence to Shanghai, China, September 27, 1879; detached and ordered to return to Mare Island, April 9, 1881, after completing the rebuilding of the U. S. steamers "Monocacy," "Ashuelot," and repairs to other vessels of the Asiatic Squadron; detached from Navy Yard, Mare Island, May 10, 1885, and ordered to report at the Navy Department to confer with the Secretary of the Navy; June 15, 1885, detached from that duty and placed on waiting orders; September 24, 1885, ordered to special duty, Morgan Iron Works, New York. Retired, June 22, 1887, with the relative rank of Captain.

With relative rank of Commander.

William L. Mintonye.—Was appointed Quarterman in the Brooklyn Navy Yard in 1861, and was employed in building and fitting out ships during the War; was appointed Foreman, 1868, acting as assistant to the Naval Constructor. Appointed *Assistant Naval Constructor*, August 5, 1869, and employed in building the "Plymouth," "Swatara" and "Alarm." Commissioned as *Naval Constructor*, March 12, 1875; ordered to Boston Navy Yard, September 5, 1876; ordered to Washington Navy Yard, October 15, 1877; launched and completed the "Nipsic," rebuilt the "Yantic," "Portsmouth," "Saratoga" and "Enterprise;" ordered to Boston, January 5, 1881; completed the "Hartford" at that yard; ordered to New York Navy Yard, October 15, 1882; engaged in erecting tools, furnaces, etc., for changing the "Intrepid" to a gunboat; ordered to Portsmouth Navy Yard, July 1, 1885; hauled out and repaired the "Constellation," "Swatara," "Kearsarge" and others; ordered to New York Navy Yard, October 16, 1889; launched the "Maine," laid the keel of the "Cincinnati," etc.; ordered to Boston to erect tools, build furnaces and shops for ship-building plant, April 9, 1891. Retired, December 4, 1891.

Robert W. Steele.—Appointed Master Shipwright, July 20, 1861, New York Navy Yard. The following vessels were built under his immediate superintendence and direction, under Naval Constructor B. F. Delano, acting assistant to him before Assistant Naval Constructors were appointed, namely: The "Oneida," "Octorara," "Adirondack," "Lackawanna," "Ticonderoga," "Shamrock," "Mackinaw," "Peoria," "Tallahoma," "Algonquin," "Miantonomah," "Maumee," "Nyack," "Madawaska," "Wampanoag," "Quinnebaug,"—wooden vessels. Promoted an *Assistant Naval Constructor* in 1871; was sent to Philadelphia, and superintended the manufacture of iron for the torpedo-boats "Alarm" and sister vessel; the iron was made at Phœnixville and Coatesville, Pa., 1872 and 1873; superintended extensive alterations and repairs to single-turreted monitors at the works of John Roach, Chester, Pa., Cramps, Philadelphia, Pa., Harlan & Hollingsworth, Wilmington, Del., Murphy & Co. and T. Rowland, both of New York; these vessels were stripped, fifteen inches added to the free-board, iron beam, etc., instead of wooden; they were the "Saugus," "Manhattan," "Wyandotte," "Nahant," "Confucius," "Passaic," "Jason," "Nantucket," "Lehigh," "Montauk," and "Catskill;" in 1873, superintended, a portion of the time, the building of the three iron sloops-of-war by John Roach and the Harlan & Hollingsworth Co., of the "Ranger" class; 1874–6, superintended the construction of the double-turreted monitors (iron hulls) "Miantonomah," "Terror," "Monadnock," "Puritan" and "Amphitrite," built respectively by John Roach and Harlan & Hollingsworth, Cramp & Sons, Phineas Burges and Thomas Rowland; 1877, ordered in charge of Construction Department, Washington Navy Yard; thence to the Boston Yard; thence to the New York Navy Yard; and again, in 1878, to the League Island Navy Yard, Philadelphia, Pa.; 1881, ordered to the Pensacola (Florida) Yard; hauled out on land the four sections of iron dry-dock built by John Roach; also built a wooden caisson gate for basin dock, where they still remain; 1882, ordered in charge of Construction Department at Portsmouth, N. H.; 1883, superintended extensive repairs to the steamer "Michigan" (iron vessel) at Erie, Pa.; 1884, a Member of the Board of Inspection of Foreign Vessels at New York City; 1885, appointed President of Board of Inventory of Condition of vessels "Chicago," "Boston" and "Atlanta," at John Roach's, Chester, Pa.; subsequently directed to take charge of the completion of these

vessels, which were completed in 1887; in addition to this, in 1885, directed to assume charge of Construction Department at League Island, Philadelphia, Pa.; 1887, directed to take charge of superintending construction of the gunboats "Concord" and "Bennington," at Chester, Pa, in addition to duties at League Island Navy Yard; appointed Senior Member of Board to determine cost of changes on the "Concord" and "Bennington," also on cruisers Nos. 1, 4, 9 and 10, battle-ships Nos. 1 and 2, and cruiser No. 12, in fact all the vessels building at William Cramp & Sons, S. & E. B. Co., Philadelphia, Pa., and Columbian Iron Works, Baltimore, Md., also at Chester, Pa., and Elizabethport, N. J.; this duty continued during 1887 until 1891; 1890, directed to superintend construction of the practice-ship at Elizabethport, N. J.; this in addition to other duties; April, 1891, detached from all duties on the Delaware and at Navy Yard, and ordered as Inspector of the "Monterey," battle-ship "Oregon," and cruiser "Olympia," at the Union Iron Works, San Francisco, Cal.; January, 1892, directed to examine and report upon efficiency of Pacific mail vessels on Pacific side for mail service (some eight vessels so examined); October 5, 1892, detached from duty at own request from Union Iron Works, San Francisco, Cal., and ordered as Inspector of manufacture of Cellulose at the Franco-American Cellulose Co.'s Works, Philadelphia, Pa., and retired on account of age, April 13, 1893. During his time of service he was a member of a great many Boards of Survey on decks, vessels and tools.

Retired for incapacity resulting from long and faithful service.

With relative rank of Captain.

Thomas E. Webb.—Born in New York. Regularly indentured as an apprentice to the shipwright trade under Samuel H. Hart, Naval Constructor of the New York Navy Yard; he completed his apprenticeship under Naval Constructor Benjamin F. Delano. Appointed *Assistant Naval Constructor* in 1865; served under Naval Constructor Benjamin F. Delano until 1867; then under John L. Lenthall, Chief Bureau of Construction and Repair, until 1868, when he was placed in charge of Construction Department at Navy Yard, Norfolk, Va. (commissioned as a *Naval Constructor* by President Andrew Johnson in the year 1868), where he remained until 1871; Portsmouth Navy Yard, 1871–4; special duty, with Admiral Le Roy, to investigate the expenditures on the U. S. S. "Lancaster," at the port of Rio de Janeiro, 1884; Navy Yard, Washington, D. C., 1874–6; special duty to survey the U. S. S. "Yantic," at Yokohama, Japan, 1876; on special duty with various boards, including the "Puritan" Board under Admiral Mullany, 1876–7; in charge of the Construction Department of the Navy Yard, New York, 1877–80; Navy Yard, Norfolk, Va., 1880–2; in charge of the Construction Department at Navy Yard, Boston, 1882–4; Navy Yard, Portsmouth, N. H., 1884–5; Navy Yard, Boston, 1885–7; Ship Yard of Wm. Cramp & Sons, Philadelphia, as Superintending Constructor of the U. S. S. "Baltimore," "Yorktown" and "Vesuvius," 1887–8. Retired, June 18, 1888. Member of the Naval Institute and Society of Naval Architects and Marine Engineers.

MARINE CORPS—ACTIVE LIST.

COLONEL-COMMANDANT.

Charles Heywood.—Born in Maine, 1839. Appointed from New York. Commissioned as *Second Lieutenant*, April 5, 1858; Marine Barracks, Washington; Marine Barracks, Brooklyn, September 1, 1858; on duty at Staten Island during quarantine riots, September 2 to 11, 1858; frigate "Niagara," special service, employed to take captured Africans back to Africa, September 12, 1858; steamer "St. Louis," Home Squadron, stationed at Greytown, looking after the filibuster Walker, December, 1858; invalided, and sent to Naval Hospital, Brooklyn, N. Y., from Aspinwall, January, 1860; Marine Barracks, Brooklyn, April, 1860; steamer "Cumberland," flag-ship of Squadron of Observation, Vera Cruz, Mexico, September, 1860; March, 1861, "Cumberland" returned to Hampton Roads; was present at the destruction of Norfolk Navy Yard. Promoted to *First Lieutenant*, May, 1861; landed with marines at Hatteras Inlet, and was present at the capture of Forts Clark and Hatteras, August, 1861. Promoted to *Captain*, November, 1861; was on a number of boat expeditions in the James River during the winter of 1861–2; was on board the "Cumberland" during the fight with the ram "Merrimac" and consorts, March 8, 1862, and was favorably mentioned by Lieutenant Morris, commanding officer, at the time, as follows:

"WASHINGTON, April 12, 1862.

"SIR.—Owing to the hurried manner in which my official report to Captain Radford was made, I omitted to mention to you the gallant conduct of Lieutenant Charles Heywood, U. S. Marine Corps, whose bravery upon the occasion of the fight with the "Merrimac" won my highest applause. May I respectfully ask that this be appended to my former report?

"Very respectfully,

"Your obedient servant,

(Signed) "GEO. E. MORRIS,

"HON. GIDEON WELLES." "*Lieutenant-Commander.*"

Marine Barracks, Brooklyn, 1862; Recruiting Rendezvous, New York, July, 1862; frigate "Sabine," special service, after the "Alabama," September 5, 1862; Marine Barracks, Brooklyn, April, 1863; "Ticonderoga," flag-ship, West India Flying Squadron, special service, after "Alabama," June, 1863; Marine Barracks, Brooklyn, October, 1863; applied for duty on board flag-ship "Hartford," and was ordered to command the guard of that vessel as Fleet Marine-Officer, West Gulf Squadron, November, 1863; landed with marines of the squadron at the Pensacola Navy Yard to protect government property against an apprehended attack; was on board the flag-ship "Hartford" at the battle of Mobile Bay, and the capture of Forts Morgan, Gaines, and Powell, ram "Tennessee," steamers "Gaines" and "Selma;" August, 1864, had command of two 9-inch guns, and was favorably mentioned by Captain Drayton; was ordered to take charge of Fort Powell after its capture, and remained in command, guarding Grant's Pass, thirty days; "Hartford" returned home, December, 1864; ordered to Marine Barracks, Brooklyn, January, 1865; recruiting rendezvous, Philadelphia, July, 1865; received brevets of *Major* and *Lieutenant-Colonel* for distinguished gallantry in the presence of the enemy; ordered to command marines at Navy Yard, Washington, November, 1865; frigate "Franklin,"

Admiral Farragut, European Station, as Fleet Marine-Officer, May, 1867; Marine Barracks, Washington, January, 1869; ordered to command Marine Barracks, Washington, April, 1869; ordered to command Marine Barracks, Norfolk, May, 1871; ordered to frigate "Franklin," as Fleet Marine-Officer, North Atlantic Station, December, 1873; January, 1874, was transferred to frigate "Wabash;" was attached to the "Wabash" during the naval drill at Key West, and had command of the Marine Battalion at all the drills on shore of the men attached to the squadron; detached from "Wabash," May, 1874; Marine Barracks, Brooklyn, June, 1874; ordered to New Orleans to report to Admiral Mullany as Fleet Marine-Officer, North Atlantic Station, December, 1874; was attached to Admiral Mullany's staff during the troubles in New Orleans, and in June, 1875, was ordered to command the guard of the "Worcester," in addition to fleet duties; transferred to "Hartford," January, 1876; detached, July, 1876; Marine Barracks, Brooklyn, September, 1876. Promoted *Major*, November 1, 1876; ordered to command Marine Barracks, Washington, December, 1876; July and August, 1877, had command of a battalion of marines at Baltimore, Philadelphia, and Reading, Pennsylvania, during the labor riots, and was honorably mentioned by Major-General Hancock, commanding Division of the Atlantic. The following are the copies of orders received from Major-General Hancock:

"HEADQUARTERS MILITARY DIVISION OF THE ATLANTIC,
"NEW YORK CITY, August 13, 1877.

"*General Orders No. 46.*

"The marines now at Reading, Pennsylvania, under command of Colonel Heywood, when relieved by the detachment of United States artillery, ordered there for that purpose, will proceed to the Marine Barracks, Washington, District of Columbia, reporting to the proper naval authorities. The Major-General Commanding desires to express his high appreciation of the excellent conduct and soldierly qualities of the marines during the entire period of the recent disorders. Citizens and soldiers are united in admiration of the soldierly bearing, excellent discipline and devotion to duty displayed by them while at Baltimore, Philadelphia, and Reading. A copy of this order will be forwarded to the Honorable Secretary of the Navy, that he may be informed of the valuable services and arduous duties rendered by the marines while serving in the Military Division of the Atlantic.

"By command of Major-General Hancock.

(Signed) "JOHN S. WHARTON,
"*Captain 19th Infantry, Act'g Ass't Adj't General.*

"Official.

(Signed) "JOHN S. WHARTON,
"*Captain 19th Infantry, Aide-de-Camp.*

"COLONEL HEYWOOD, *U. S. Marines.*"

"HEADQUARTERS MILITARY DIVISION OF THE ATLANTIC,
NEW YORK, October 26, 1877.

"TO MAJOR CHARLES HEYWOOD,
"*U. S. Marines, Marine Barracks, Washington, D. C.:*

"SIR,—I am directed by Major-General Hancock to furnish you with the following extract from a special report made by him on the 24th inst., to the Adjutant-General of the army:

"'HEADQUARTERS MILITARY DIVISION OF THE ATLANTIC,
"'NEW YORK CITY, October 24, 1877.

"'*To the Adjutant-General, U. S. Army, Washington, D. C.:*

"'SIR,—

* * * * * * * * * * *

"'While all the officers are entitled to commendation in their respective spheres, I deem it incumbent upon me to mention the names of the following, who held com-

mands at important points during the disturbances, and certain staff officers as well, whose services were especially valuable.

"'MAJOR CHARLES HEYWOOD, *U. S. Marines.*

* * * * * * * * * * *

"'Very respectfully, your obedient servant,
(Signed) "'WINFIELD S. HANCOCK,
Major-General Commanding Division.'

"I am, sir, very respectfully, your obedient servant,
(Signed) "JAMES B. FRY,
"*Assistant Adjutant-General.*"

The following is an extract from a letter from the Hon. Secretary of the Navy to the Colonel Commandant, U. S. M. C., dated August 17, 1877:

* * * * * * * * * * *

"This was to be expected from the well-established character of the marines, but is none the less gratifying to the Department, and it desires to express through you, to both officers and men, its high appreciation of them, and to assure them of its readiness to co-operate in the adoption of any measures necessary to their comfort and an increase of their efficiency. They are a most important arm of the national defence, and the readiness with which they have responded to the recent summons of the Department to aid in the suppression of unlawful combinations of men, no less than their proficiency in discipline, proves that they may be confidently relied upon whenever the public exigency shall call them into active service. "Respectfully,
(Signed) "R. W. THOMPSON,
"*Secretary of the Navy.*

"COLONEL CHARLES G. MCCAWLEY,
"*Commanding Marine Corps, Headquarters, Washington, D. C.*"

May, 1880, ordered to command Marine Barracks, Mare Island, Cal.; detached, February, 1883, and ordered to command Marine Barracks, Brooklyn, N. Y. Co onel Heywood, in obedience to the following telegram, organized and equipped a battalion of two hundred and fifty marines for duty on the Isthmus of Panama, to open the transit and protect American lives and property.

"NAVY DEPARTMENT, April 1, 1885.

(Telegram.)

"COMMANDANT, NAVY YARD, NEW YORK:

"Every available officer and man from all the stations are ordered to report without delay at Marine Barracks, Brooklyn, for service on the Isthmus of Panama.

"Detail Major Heywood, four officers, and every available man from the 'Colorado,' 'Minnesota,' and Barracks, to join the Pacific Mail steamer in a few days, fully equipped.

"Retain guard of 'Omaha.' Major Heywood will command the whole force. Letter to-morrow. (Signed) "C. G. MCCAWLEY,
"*Colonel-Commandant.*"

Reported with battalion of two hundred and fifty men at the expiration of twenty-four hours from the date of the order, and sailed for the Isthmus. Arrived at Aspinwall on the night of the 11th of April, 1885, and at six o'clock the next morning disembarked. At six o'clock the same night, occupied, with the entire command, the railroad company's buildings at the Panama end of the line, forty-seven and a half miles distant, situated outside the walls of the city of Panama, and the transit was opened. The transit was kept open by a detachment on every train. Subsequently, Colonel Heywood, reinforced by the second battalion, and during the remainder of the occupation by our forces, had under his command nearly eight hundred marines, besides a strong detachment of sailors and artillery. Colonel Hey-

wood and his command were the first to arrive and the last to leave the Isthmus, which was only done when the rebel forces had surrendered and the Federal authority was reinstated.

The following is a copy of a letter received from Rear-Admiral James E. Jouett, commanding naval force, North Atlantic Station:

"ASPINWALL, U. S. C., May 22, 1885.

"COLONEL CHARLES HEYWOOD, U. S. M. C.,

"*Commanding Marine Battalion, Isthmus of Panama.*

"SIR,—

* * * * * * * * * * *

"Your departure from the Isthmus with your command gives me occasion to express my high estimation of the Marine Battalion. You and your battalion came from home at the first sound of alarm, and you have done hard and honest work. The Marine Battalion has been constantly at the front, where danger and disease were sure to come, first and always. When a conflict has seemed imminent, I have relied with most implicit confidence on that body of tried soldiers. No conflict has come, but I am well aware how nobly and steadily through weary and anxious nights, exposed to a deadly climate, the marines have guarded our country's interest.

'Please communicate to your command my grateful acknowledgment of their faithful service on the Isthmus of Panama, and accept my sincere thanks for your earnest and valuable assistance. (Signed) "J. E. JOUETT,

"*Rear-Admiral Commanding.*

Commanding Marine Barracks, Washington, D. C., March, 1888, to January, 1891. Promoted to *Lieutenant-Colonel*, March 9, 1888. Appointed *Colonel-Commandant* of U. S. Marine Corps, January 30, 1891.

GENERAL STAFF.

Augustus S. Nicholson.—Born November 5, 1830. Commissioned *Second Lieutenant*, U. S. M. C., March 16, 1847; reported at headquarters, March 20, 1847; detached from Washington, D. C., and ordered to the Marine Battalion, under the command of Lieutenant-Colonel Watson, for duty with the army in Mexico, May 21, 1847; landed at Vera Cruz, Mexico, July 3, 1847, and joined the army under General Scott, at Pueblo, in August, 1847. Commissioned a *First Lieutenant* (by brevet), for gallant and meritorious services in the storming of Chapultepec, and capture of the City of Mexico, September 13, 1847; aide-de-camp to General Quitman, September 13, 1847; on duty with provost-guard under Colonel Charles F. Smith, in the City of Mexico; on duty on board of the razee "Independence," from July 12, 1849, to February 23, 1850; on duty on board of the frigate "Cumberland," from October 1, 1850, to July 4, 1851; on duty on board of the U. S. S. "Germantown," from November 12, 1853, to January 1, 1856. Commissioned *First Lieutenant*, March 14, 1856; on duty on board of the receiving-ship "Pennsylvania," from March 23, 1857, to June 5, 1858; on duty on board of the U. S. S. "Saranac," from July 2, 1858, to November 27, 1859; on special service (per telegraphic orders from the Navy Department) at Fort Washington, Md., from January 9 to 20, 1861; in April, 1861, placed in command of one hundred marines for escort duty, with Admiral Paulding commanding expedition, which destroyed the Navy Yard, Norfolk, Va. Appointed *Adjutant* and *Inspector*, with the rank of Major, May 6, 1861; on duty with the Marine Battalion operating with the army under General McDowell, in July, 1861. Headquarters Marine Corps, 1862, to date.

Green Clay Goodloe.—Commissioned *Second Lieutenant*, April 21, 1869; *First Lieutenant*, January 12, 1876; *Major and Paymaster*, March 17, 1877. Ordered to Marine Barracks, Washington, D. C., April, 1869; to Fort Myer, October, 1869, for instructions in Army Code of Signals. After finishing course, ordered to Brooklyn, N. Y., as instructor; March 7, 1871, attached to Post; detached March 24, 1871, and ordered to Annapolis, Md.; detached May 15, 1871, and joined U. S. S. "Wachusett," June 1, 1871; detached after full cruise of three years, and ordered to Barracks, Headquarters; ordered Navy Yard, January 2, 1875; March 15, to U. S. S. "Michigan;" detached December 18, 1876, and ordered to Barracks, Headquarters. Stationed at Washington, D. C.

Horatio B. Lowry.—Born in Vermont. Appointed from South Carolina. Commissioned as *Second Lieutenant*, September 17, 1861. Commissioned as *First Lieutenant*, November 26, 1861; Marine Barracks, Washington, D. C., 1861; Marine Barracks, Portsmouth, N. H., 1861–2; attached to Marine Battalion, Port Royal, S. C., 1862; steam-frigate "Wabash," flag-ship, South Atlantic Squadron, 1862–3; commanded one hundred marines serving ashore, on Morris Island, S. C., with the same number of sailors, engaged in placing heavy guns in battery to be used against Fort Sumter, 1862; commanded the marines of the U. S. ships "James Adger," "Keystone State," "Alabama," and "Albatross," organized as a battalion, upon special duty off Georgetown, S. C., and neighboring waters; engaged the enemy near Blake's plantation, 1862; served with the Marine Battalion on Morris and Folly Islands, S. C., 1863. Brevetted *Captain* for gallant and meritorious services, in the night attack upon Fort Sumter, made by the marines and sailors, September 8, 1863; Marine Barracks, Boston, Mass., 1864–5; U. S. receiving-ship "Vermont," off Navy Yard, New York, 1865; commanded guard aboard U. S. flag-ship "New Hampshire," and the marines ashore at Bay Point, S. C., 1865; Marine Barracks, Boston, Mass., 1866; U. S. receiving-ship "Vermont," off Navy Yard, New York, 1867; Marine Barracks, Philadelphia, Pa., 1867–9; attached to U. S. frigate "Sabine," special cruise, 1869–70. Commissioned as *Captain*, October 16, 1869; Marine Barracks, Philadelphia, Pa., 1870–2. Appointed *Assistant Quartermaster*, with the rank of *Captain*, June 21, 1872; Headquarters Marine Corps, 1872; Brooklyn, N. Y., 1873; Assistant Quartermaster's Office, New York, 1877; Assistant Quartermaster's Office, Philadelphia, Pa., 1877; attached to the Marine Battalion as Acting Quartermaster during labor strike, Philadelphia and Reading, Pa., 1877; Headquarters Marine Corps, as Acting Quartermaster, 1881. Appointed *Quartermaster*, with the rank of *Major*, May, 1885; on duty at Headquarters U. S. Marine Corps, 1885 to date.

Richard S. Collum.—Born in Indiana. Appointed from Indiana, *Acting Midshipman*, U. S. Navy, September 20, 1854. Resigned, May 7, 1857. Commissioned as *Second Lieutenant*, September 7, 1861; frigate "St. Lawrence," September 30, 1861, to May 30, 1863; during that period served in the South Atlantic Squadron, at St. Simons, Ga.; Port Royal, South Carolina; engagement with Sewell's Point Battery and Confederate ram "Merrimac," Potomac River; bombardment of Sewell's Point and capture of Norfolk, Va.; East Gulf Squadron and three boat expeditions on the Florida coast and Indian River. Commissioned *First Lieutenant*, December 30, 1862; while on leave of absence in July, 1863, volunteered his services to Governor Morton, of Indiana, during the raid of the Confederate General Morgan; tender of services accepted, and was placed in command of a battalion of provisional troops, Cairo and Mound City, Ill.; Mississippi Squadron,

August, 1863, to August, 1864; during that period, engaged in several expeditions into Kentucky, in pursuit of guerrillas; member of a commission appointed by Admiral Porter to investigate charges against certain active rebel sympathizers, at Louisville, Ky.; frigate "New Ironsides," August, 1864, to April, 1865; two attacks on Fort Fisher; Navy Yard, Washington, April, 1865, to November, 1867; in temporary command at the Barracks, Navy Yard, during the confinement at the yard of Paine and his associate conspirators; in command of Marine Barracks, Mound City, Ill., November, 1867, to December, 1868; U. S. S "Richmond," Mediterranean Squadron, January, 1869, to November, 1871; Naval Academy, January, 1872. Commissioned *Captain*, March 13, 1872; Marine Barracks, Boston, April, 1872, to January, 1875; commanded detachment of marines at the great fire in Boston, November, 1872; in command of two companies which successfully guarded the removal of the treasure from the Sub-treasury to the Custom House, on that occasion; Headquarters, February, 1875, to June, 1875; Fleet Marine Officer of the Asiatic Station, and by special appointment of the Navy Department, Judge Advocate of the fleet; flag-ship "Tennessee," June, 1875, to July, 1878; member of the Board of Inspection, August, 1878, to November, 1881; Marine Barracks, League Island, Pa., December, 1881, to April, 1885; expedition to Panama, April and May, 1885; on the night of the withdrawal of our forces from the city of Panama, and the occupation of our original lines, representations were made to the commanding officers, "that the insurgents were much excited, that drunkenness prevailed to an alarming extent, and that a violation of the armistice was in contemplation" At 10 p. m., Captain Collum was ordered to enter the city alone, and endeavor to ascertain the truth of the report; this duty was successfully performed. Commissioned *Captain* and *Assistant Quartermaster*, May 4, 1885; in charge of the Depot of Supplies, Philadelphia, Pa., May, 1885, to February, 1890; Headquarters of Marine Corps, February, 1890, to October, 1891; Assistant Quartermaster's Office, Philadelphia, October, 1891, to date.

Frank Lee Denny.—Born in and appointed from Indiana. Commissioned as *Second Lieutenant*, June 16, 1880; Marine Barracks, New York and Annapolis, 1880–1; U. S. steamer "Quinnebaug," European Station, 1881–4; with detachment United States forces on shore at Alexandria, Egypt, July 14 to 24, 1882; commanded marines of detachment, July 15 to 24; special mention for services with detachment in communication from Government of Norway and Sweden to U. S. State and Navy Departments; Marine Barracks, Portsmouth, 1884–5. Promoted to *First Lieutenant*, December 23, 1884; with United States forces on Isthmus of Panama, 1885; commanded Post San Pablo, Isthmus, five days; special mention in report of commanding officer of Expedition; Marine Barracks, Navy Yard, Washington, 1886–7; U. S. steamer "Boston," 1887–9; Marine Barracks, Boston, 1890; special duty, Judge-Advocate General's Office, 1890–2. Commissioned *Assistant Quartermaster*, with rank of Captain, February 26, 1892; Office Assistant Quartermaster, Headquarters Marine Corps, March 23, 1892, to date.

COLONEL.

James Forney.—Born in Pennsylvania. Commissioned *Second Lieutenant*, March 1, 1861; flag-ship "Roanoke," Atlantic Squadron, 1861. *First Lieutenant*, September, 1861. October, 1861, commanding Marine Barracks, Washington, D. C; November, 1861, commanding Marine Barracks, Portsmouth, N. H.; steam-sloop "Brooklyn," West Gulf Squadron, 1861–2, and part of 1863; participated in the capture of Forts Jackson and St Philip,

and the city of New Orleans; official reports of that time state that Lieutenant James Forney, commanding marines, had two guns assigned him, and, with his men, fought most gallantly; was sent ashore by Admiral Farragut to raise the flag on the Custom-House of the city; it was the first flag hoisted there; brought off the Confederate flag, which he found at the Custom-House, to Captain Craven, commanding the "Brooklyn." The following letter is inserted in this connection:

"OFFICE OF THE ADMIRAL, WASHINGTON, D. C., May 15, 1889.

"Dear Sir,—I received your letter of May 7, this morning. I am well aware, and so are all those who know anything about the matter, that the marines held New Orleans until the army arrived in the city. It is one of the brightest pages in the annals of the Marine Corps. * * * * * * * *

"Very respectfully yours,

(Signed) "DAVID D. PORTER, *Admiral.*

"Lieutenant-Colonel JAMES FORNEY, U. S. M. C., Commanding Marine Barracks, Mare Island, Cal."

For the capture of New Orleans he was brevetted a *Captain*, for gallant and meritorious service at the attack on Forts Jackson and St. Philip, April 24, 1862; while attached to the West Gulf Squadron, he was in the battles of Chalmette, Port Hudson, Grand Gulf, first and second attacks on Vicksburg, Donaldsonville, Bayou Sara, Galveston, Texas, February 24, 1863; at Brazos de Santiago cut out and captured four vessels laden with valuable drugs, from under the rebel batteries. Commissioned *Captain*, April 23, 1864; July, 1864, commanded troops, both regular and volunteer, at Havre de Grace, Md. In this connection, General French reports as follows:

. . . "The army of the Confederates, under Jubal Early, was at the gates of Washington; communication with the Northern cities was cut off; Gilmore's cavalry had captured a passenger train (made prisoner of General Franklin), and then destroyed it, and burned the bridge over Gunpowder River. The city of Philadelphia was full of the gloomiest reports, and a feeling of depression which culminated when a rumor prevailed that Washington had fallen. The War Department shared in these fears, and, by telegraph, all the available troops at the West were ordered to assemble at Havre de Grace, Md. At the same time a dispatch requested me to assume command of them. In less than eight hours' time three thousand men had reported of all arms of the service. Captain F. was the first on the ground, with a splendid battalion of troops of the Marine Corps, and eight field-howitzers. These troops were at once advanced; a part covered the reconstructions of the bridges, and others were made to demonstrate upon the rebel rear and flanks preparatory to an advance. The same day the travel through to Baltimore was opened. Early, threatened in every direction, fell back. . . . For this duty received the brevet of *Lieutenant-Colonel*, for meritorious services in defeating a rebel raid at Gunpowder River in July, 1864; flag-ship "Hartford," Fleet Marine Officer, Asiatic Squadron, 1865–8; while attached to the "Hartford," commanded marines in the attack on the Island of Formosa; this fight was an unusually severe and exhausting one, owing to the climate and the nature of the ground. For this engagement he was brevetted a *Major* for gallant and meritorious services in the action with the savages at Formosa, June 13, 1867; October 11, 1870, commanded the marines in the colored riots at Philadelphia, in enforcing the Fifteenth Amendment, being the first vote of the colored people. The following is a letter of the U. S. Marshal, bearing on that subject:

"UNITED STATES MARSHAL'S OFFICE, EASTERN DISTRICT OF PENNSYLVANIA.

"PHILADELPHIA, October 14, 1870.

"COMMODORE GEORGE F. EMMONS, U. S. N., Commandant Navy Yard.:

"SIR.—Please accept my thanks for the detail so kindly furnished on Tuesday last. I am especially thankful to Lieutenant-Colonel Forney, his officers and men, for their discretion and soldierly conduct under the trying circumstances in preserving order at the polls of the Third Precinct, Fifth Ward.

"I have the honor, etc.,

(Signed) "E. M. GREGORY, *U. S. Marshal.*"

In 1869, commanded the troops while aiding the revenue officers in breaking up the whiskey distilleries in the city of Philadelphia; from June 10, 1872, and part of 1873, in Europe on special duty; September, 1873, U. S. frigate "Minnesota;" from December, 1874–6, Fleet Marine Officer, North Pacific Squadron; August, 1876, commanding marines, League Island; February 11, 1877–8, commanding marines, Norfolk, Va.; during summer of 1877, commanded Second Battalion Marines during the labor riots; on his return, he and his command were complimented in general orders by the Honorable Secretary of the Navy, and General Hancock; while at Norfolk, in 1877, was the first officer commanding regular troops to participate in the Southern Memorial Day and decorate the graves of men of the South who fell in the War of the Rebellion; in 1879, graduated at Torpedo School, Newport, R. I.; in 1879–81, commanded Recruiting Rendezvous at Philadelphia; September, 1882, commanded marines while in camp at Mount Vernon Barracks, Alabama, and afterwards at Pensacola Navy Yard; in 1883, commanded marines for a short time on receiving-ship "Colorado;" February 24, 1884, commissioned *Major;* in 1885–7, commanded marines at Norfolk, Va.; during the Panama Expedition of this period conveyed marines of the Barracks and training-ships in the U. S. S. "Despatch," from Norfolk to New York; part of 1887–8, commanded marines at League Island, Pa.; commanded marines at Mare Island Navy Yard, June, 1888, to November, 1892. Commissioned *Lieutenant-Colonel,* January 30, 1891. Commissioned *Colonel,* July 11, 1892; Marine Barracks, Navy Yard, New York, November, 1892, to date.

LIEUTENANT-COLONEL.

McLane Tilton.—Born in Maryland. Appointed from Maryland. Commissioned as *Second Lieutenant,* March 2, 1861; steam-frigate "Colorado," West Gulf Blockading Squadron, 1861. Commissioned as *First Lieutenant,* September 1, 1861; Marine Barracks, Pensacola, Fla., 1862–3; Marine Barracks, Washington, D. C., 1864–5. Commissioned as *Captain,* June 10, 1864; commanding marine guard, at Naval Academy, 1866–9; frigate "Colorado," Asiatic Station, 1869–72; Marine Barracks, Annapolis, 1873–7; Fleet-Marine Officer, European Fleet, 1877–8; "Constellation," 1879; Marine Barracks, Navy Yard, Washington, 1880–2; Marine Barracks, Annapolis, Md., 1883–5; R. S. "Vermont," 1886–8. Commissioned *Major,* March 9, 1888; Marine Barracks, Norfolk, 1888–92. Commissioned *Lieutenant-Colonel,* February 2, 1891; Marine Barracks, Naval Academy, 1892, to date.

John Henley Higbee.—Born in New York City. Appointed from New York. Commissioned as *Second Lieutenant,* March 9, 1861; Marine Barracks, Headquarters, Washington, D. C., 1861; sloop "Vincennes," West Gulf Blockading Squadron, 1861–2. Commissioned as *First Lieutenant,* September 1, 1861; Blackwater River Expedition, 1861; flag-ship "Hartford," West Gulf Blockading Squadron, 1862–3; battles of Vicksburg, Warrenton, Port Hudson, and Grand Gulf, March 14, 19, 21, 23, 25 and 28, 1863; bombardment of Port Hudson, May 27, 1863. Brevetted *Captain* for gallantry in battle, May 25, 1863; Marine Barracks, Brooklyn, N. Y., 1864. Commissioned as *Captain,* June 10, 1864; receiving-ship "North Carolina," 1864; Marine Barracks, Norfolk, Va., 1865; flag-ship "New Hampshire," 1865–6; Marine Barracks, Brooklyn, N. Y., 1866; Marine Recruiting Rendezvous, New York, 1866–8; Marine Barracks, Philadelphia, Pa., 1869; Fleet Marine-Officer, Pacific Station, 1870–3; Marine Barracks, Mare Island, Cal., 1871; Marine Barracks, Portsmouth, N. H., 1873–8; Fleet Marine-

Officer, Asiatic Station, 1878–81; Marine Barracks, Boston, 1881–2; Marine Barracks, Navy Yard, Washington, D. C., 1883–6; commanded Second Battalion of Marines on Isthmus of Panama, April, 1885; Marine Barracks, Norfolk, Va., 1886; Marine Barracks, Portsmouth, N. H., 1888–90. Commissioned as *Major*, August 18, 1889. Commissioned *Lieutenant-Colonel*, July 11, 1892; commanding Marine Barracks, Portsmouth, 1889 to date.

MAJORS.

Robert W. Huntington.—Commissioned as *Second Lieutenant*, 1861; Marine Barracks, Washington, 1861; attached to Marine Battalion at battle of Bull Run; served in Marine Battalion, co-operating with South Atlantic Squadron, 1861–2; sloop "Jamestown," East India Squadron, 1862–5. Commissioned as *Captain*, June 21, 1864; Marine Barracks, Brooklyn, 1866; Marine Barracks, Portsmouth, 1866–7; Marine Barracks, Gosport, 1867; Headquarters, 1867–8; Marine Barracks, Boston, 1868–9; "Lancaster," flag-ship, South Atlantic Squadron, 1870–2; Marine Barracks, Portsmouth, 1873–4; Marine Barracks, Washington, 1875; Marine Barracks, Portsmouth, 1875–6; commanding marines at League Island, 1876; Fleet Marine-Officer, North Pacific Station, 1876–9; Marine Barracks, Annapolis, 1879–83; Marine Barracks, Boston, Mass., 1883; commanding Marine Barracks, Norfolk, Va., 1884; Panama Expedition, April and May, 1885; Marine Barracks, Norfolk, Va., 1885; commanding Marine Barracks, Annapolis, 1885–7; "Trenton," special service, 1887–9. Promoted *Major*, October 24, 1889; commanding Marine Barracks, Brooklyn, 1889–92; Marine Barracks, Navy Yard, Norfolk, 1892 to date.

Henry Anthony Bartlett.—Born in Pawtuxet, Rhode Island, August 19, 1838. Appointed from Rhode Island; served in the First Regiment Rhode Island Volunteers; September 8, 1861, appointed as *Second Lieutenant*, Marine Corps; October 16, 1861, Port Royal Marine Battalion; on board the transport "Governor," which foundered at sea, November 3, 1861; crew rescued by frigate "Sabine;" Fernandina and Fort Clinch Expedition, February, 1862; St. Augustine Expedition, March, 1862. Commissioned as *First Lieutenant*, November 26, 1861; Marine Barracks, Boston, April, 1862, to July, 1862; iron-clad frigate "New Ironsides," July, 1862, to August, 1864; Forts Moultrie and Sumter, April 7, 1863; twenty-six engagements with Forts Wagner, Gregg, Sumter, Moultrie, Bee and others, having charge of two eleven-inch guns manned by the Marine Guards; July, 1863, Morris Island, in command of a battalion of three hundred and twenty marines; February, 1864, St. John's River and Jacksonville, in command of a battalion of marines; Brooklyn Barracks, August, 1864, to March, 1865; receiving-ship "North Carolina," March, 1865, to September, 1865; Boston Barracks, September, 1865, to March, 1866; steam-frigate "Chattanooga," special cruise, March, 1866, to September, 1866; steam-sloop "Sacramento," special cruise, September, 1866, to June 19, 1867, on board at the time she was wrecked on the Coromandel Coast, Bay of Bengal, India. Commissioned as *Captain*, November 29, 1867; Boston Barracks, December, 1867, to September, 1868; flag-ship "Contoocook," September, 1868, to October, 1869; Boston Barracks, December 6, 1869, to February 4, 1870; receiving-ship "Vermont," February 10, 1870, to September 23, 1870; special duty, Tehuantepec Surveying Expedition, September, 1870, to September, 1871; receiving-ship "Vermont," October, 1871, to June, 1872; recruiting service, June,

1872, to October, 1872; "Hartford," flag-ship, Asiatic Station, October, 1872, to November, 1875; Judge Advocate Navy and Marine Corps, from November, 1875, to August 16, 1879; Headquarters, August 16, 1879, to February 26, 1880; "Minnesota," March 1, 1880, to August 8, 1881; commanding Headquarters, from August 12, 1881, to November 21, 1881; special duty, Navy Department, November 21, 1881, to March 1, 1882; receiving-ship "Colorado," March 2, 1882, to September 1, 1883; "Trenton," flag-ship, Asiatic Station, September 1, 1883, to September 20, 1886; commanding Marine Barracks, Norfolk, January 1, 1887, to April 16, 1887; commanding Marine Barracks, Annapolis, Md., April 20, 1887, to April 1, 1891. Commissioned *Major*, January 30, 1891; commanding Marine Barracks, League Island, Pa., April and May, 1891; commanding Marine Barracks, Navy Yard, Mare Island, Cal., July 30, 1891, to Dec. 16, 1893.

P. C. Pope.—Born in Ma sachusetts. Appointed from New Hampshire, *Captain's Clerk*, United States Navy; attached to steam-sloop "Richmond," 1861; in the engagements at the Passes of the Mississippi River, October 12 and 13, 1861. Commissioned as *Second Lieutenant*, November 23, 1861, Marine Corps. Commissioned as *First Lieutenant*, November 26, 1861; served at Headquarters of the Marine Corps, 1861–2; Marine Barracks, Charlestown, Mass., 1862; Marine Battalion, South Carolina, 1862; Marine Barracks, Portsmouth, N. H, 1862; steam-frigate "Powhatan," 1862–4; South Atlantic Blockading Squadron, and West India Squadron, with a battalion of marines on Morris Island, July, 1863; in the engagements with and capture of Forts Moultrie and Bee, August, 1863, with Captain Steedman, U. S. N., on the monitor fleet. Brevetted *Captain* for gallant and meritorious services in action, September 8, 1863; Marine Barracks, Charlestown, Mass., 1864–7; steam-sloop "Monongahela," West India Squadron, 1867; steam-frigate "Susquehanna," flag-ship, West India, Squadron, 1867–8; steam sloop "Monongahela," West India Squadron, 1868; Marine Barracks, Brooklyn, N. Y, 1868; Marine Barracks, Charlestown, Mass., 1868–70. Commissioned as *Captain*, April 12, 1870; Pacific Fleet, 1870–3; while attached to the Pacific Fleet, volunteered and took charge of a boat's crew, and went on board of an Italian ship (which was on fire) loaded with a cargo of petroleum, and the crew deserted, fearing an explosion; received a letter of thanks from the Italian government for services rendered on the occasion, and the following letter from the admiral commanding the squadron: "It affords me much gratification to transmit to you a copy of a letter from the Italian minister, at Washington, to the Department of State, conveying the thanks of the Italian government to yourself and other officers, for gallant and skillful services rendered on the occasion of a fire on board of the Italian bark 'Delaide,' in the port of Callao, on June 25, 1873. I will take this occasion to add, that no more agreeable duty can ever fall to the lot of a true naval or marine officer than that of relieving those who may be in imminent danger of shipwreck and destruction, to whatever nation they may belong; under such circumstances, the genuine man, of whatever profession he may be, knows no nationality; to him, all belong to the same family. These sentiments seem to have actuated you, in your spirited behavior upon the occasion of the fire on board of the Italian bark 'Delaide.'" Recruiting Rendezvous, Boston, Mass., 1874–5; Marine Barracks, Plymouth, N. H., 1875; Marine Barracks, Charlestown, Mass., 1875–9; U. S. flag-ship "Trenton," European Fleet, 1878–81; member of Board of Inspection, 1882; Marine Barracks, Portsmouth, N. H., 1883–6; command of Marine Barracks, Navy Yard,

Washington, D. C., 1886–90. While in command of the marines at said Navy Yard received several letters of commendation from the commandant of the station for the efficiency of the Marine Guard, etc.; recruiting service, Boston, 1890–1. Commissioned *Major*, February 2, 1891; Marine Barracks, Navy Yard, Boston, July, 1892, to date.

Robert L. Meade.—Born in District of Columbia. Appointed from Tennessee. Commissioned as *Second Lieutenant*, June 14, 1862; Marine Barracks, Gosport, 1862; Marine Barracks, Brooklyn, 1862–3; had command of a Company of Marines on duty in city of New York during the eight days' riot in that city in July, 1863; S. A. Blockading Squadron, 1863; taken prisoner, September 7, 1863, in the night attack on Fort Sumter; brevetted *First Lieutenant* for gallant and meritorious services. Commissioned as *First Lieutenant*, April 2, 1864; Marine Barracks, Brooklyn, 1864–5; steam-sloop "Shenandoah," Asiatic Squadron, 1865–69; Navy Yard, Philadelphia, 1869–72; Marine Barracks, Brooklyn, 1873; "Michigan," on the lakes, 1873–4; Marine Barracks, Brooklyn, 1875–8. Commissioned as *Captain*, 1876; Fleet-Marine-Officer, S. A. Station, 1877–9; Marine Barracks, Brooklyn, 1879–82; Marine Barracks, Boston, 1883–5; Marine Barracks, Brooklyn, 1885; Marine Barracks, Pensacola, 1885; Expedition to Panama, April and May, 1885; Marine Barracks, Brooklyn, 1886–7; Marine Barracks, Boston, Mass, 1887–8; "Richmond," S. A. Station, 1888–90; commanding Marine Barracks, Navy Yard, Washington, 1890–2. Commissioned *Major*, September 6, 1892; Marine Barracks, Navy Yard, League Island, Pa., 1892; Marine Barracks, Boston, 1894.

CAPTAINS.

Charles F. Williams.—Born in Connecticut. Commissioned as *Second Lieutenant* June 14, 1862; steam-frigate "Minnesota," flag-ship, North Atlantic Blockading Squadron, 1862–3. Commissioned as *First Lieutenant*, June 10, 1864; steam-sloop "Ticonderoga," North Atlantic Blockading Squadron, 1864–5, cruising in search of the "Florida" during the greater portion of 1864, and then joining the N. A. Squadron until after the capture of Fort Fisher, then to the South Atlantic, operating against Charleston, S. C., capturing Georgetown, S. C., and garrisoning Fort White on Winyah Bay, the marines of the "Ticonderoga" forming part of the battalion on shore; detached from the "Ticonderoga," April, 1865; battle of Fort Fisher etc.; brevetted *Captain* for gallant and meritorious service; Marine Barracks, Washington, 1865–8; steam-sloop "Plymouth," European Squadron, 1869–71; Navy Yard, Washington, 1872–4; "Worcester," flag-ship, N. A. S., 1874–5. Commissioned as *Captain*, 1876; Marine Barracks, Washington, 1876–7; Navy Yard, Norfolk, 1878; Fleet Marine-Officer, Pacific Station, 1878–81; Marine Barracks, Washington, 1881–3; Marine Barracks, Mare Island, Cal., 1883–8; Marine Barracks, Brooklyn, 1888–90; Philadelphia, N. A. Station, 1890–2; Marine Barracks, Navy Yard, New York, 1892, to date.

Henry Clay Cochrane.—Born in Chester, Pa. Appointed from Pennsylvania; examined for Marine Corps, August 29, 1861; appointed *Second Lieutenant*, accepted, and sworn in, August 30; but, being under the required age, could not be commissioned; volunteered for duty in the navy until of age, and served as an Acting Master's Mate from September 7, 1861; joined receiving-ship "North Carolina," New York, for instruction in gunnery; transferred to steam-gunboat "Pembina," October, 1861, and was in Dupont Expedition and battle of Port Royal, November 7, 1861; at capture of

Beaufort, S. C., November 10; St. Helena Sound, November 1; Tybee Island, December 10; battle of Port Royal Ferry, January 1, 1862; in action with Thunderbolt Battery, Warsaw Sound; in expedition to Cumberland Sound, Ga., and St. John's River, Fla., and capture of Fernandina and Jacksonville, March, 1862; in operations on Stono River, S. C., June, 1862; and on blockade of Charleston and Savannah, 1861–2; served on the "Pembina" in West Gulf Squadron, Admiral Farragut, winter, 1862–3; in the pursuit of the rebel steamer, "Oreto" ("Florida"), January 15, 1863; commended by his commanding officer for "coolness and courage" in action with rebel shore batteries near Fort Morgan, Mobile Bay. Appointed as *Second Lieutenant*, confirmed March 10, 1863, while on blockade off Mobile; ordered to Headquarters of Marine Corps, and joined, May, 1863; Marine Barracks, Cairo and Mound City, Ill., 1864; sent by Admiral Porter on expedition to suppress smuggling of contraband goods into Kentucky; special duty, Chattanooga, Tenn., Milwaukee, Wis., and New Orleans, La.; command of marines, Mississippi Squadron, and Judge-Advocate duty, flagships "Black Hawk" and "Tempest," 1865; total loss of his effects by destruction of "Black Hawk" by fire, April 22, 1865; commended by Admiral Lee "for arduous and special duty" while under his command. Commissioned as *First Lieutenant* August 20, 1865; Headquarters, Marine Corps, 1865–6; in charge of rebel Admiral Raphael Semmes, prisoner of war, January to April 4, 1866; recruiting duty, Chicago, May, 1866; Marine Barracks, Philadelphia, 1866–7; took fifty marines six miles at midnight, December 16, 1866, to the burning "New Ironsides," and led the firemen over the side twice in efforts to save the ship; receiving-ships "Potomac" and "Constellation," Philadelphia, 1867–8, during which time, for fidelity to duty during a terrible epidemic of Asiatic cholera (October, 1867), was commended by General Zeilin, commandant of the Marine Corps; "The moral courage displayed by yourself and command is as praiseworthy as the most conspicuous gallantry on the field of battle:" steamer "Saranac," North Pacific Squadron, 1868–9; recruiting duty, San Francisco, December–January; sloop "Jamestown," Pacific Fleet, cruising in Polynesia, 1869–71; counsel for Geo. R. Burt, citizen of United States, in a suit for $50,000 (gold), indemnity from the king of the Fijii Islands, Nov., 1869; by order of superior authority, took an armed force on shore, assailed the United States Consulate at Honolulu, and half masted the flag on the occasion of Queen Kalama's death, September 21, 1870, a proceeding much deplored; returned to the United States from Valparaiso, July, 1871; Marine Barracks, Philadelphia, 1871–2; recruiting duty, Paterson and Newark, N. J., Wilmington, Del., and Philadelphia, 1872; placed at head of grade of First Lieutenants of Marine Corps by Secretary of the Navy, March 11, 1873; Marine Barracks, Brooklyn, and Recruiting Rendezvous, Richmond, Va. (first after the Rebellion), and Baltimore, Md., 1873; Marine Barracks, Annapolis, 1874–5; Judge-Advocate first general court-martial of naval cadets under the "hazing law," October, 1875; steam-sloop "Plymouth," North Atlantic, West Indies, and Centennial Exposition, 1875–8; memorable cruise of "Plymouth," five hundred miles up the Mississippi River to Vicksburg, spring of 1877; command of United States Arsenal, Washington, D. C., July, 1877, during "the labor riots;" League Island Navy Yard, 1878–9. Commissioned as *Captain*, March 16, 1879; historian of "The Navy and Marine Corps in the Labor Riots of 1877" (see *United Service Quarterly*, 1879); Judge Advocate Court of Inquiry to investigate grounding of "Constitution" on English Coast, while returning from the Paris Exposition; Marine Barracks,

Brooklyn, 1879; Marine Barracks, Norfolk, 1880; Companion Military Order Loyal Legion, United States, 1867; Fellow American Geographical Society, 1874; commanding Marine Barracks, Norfolk, 1880; flag-ship "Lancaster" and Fleet Marine-Officer, European Station, 1881–4; at bombardment of Alexandria, Egypt, by British fleet, July, 1882, and landed with seventy marines to assist in suppressing arson and pillage. and to re-establish the United States Consulate at coronation of Alexander III., at Moscow, May, 1883; commanded company in expedition from New York to restore order on Isthmus of Panama, and protect transit, 1885; rebuilt and commanded Marine Barracks, Pensacola, 1886–9; Marine Barracks, Boston, and command detachment sent to Universal Exposition, Paris, with United States Commission, 1889; accompanied by American Minister, Commissioner-General, Consul-General, and large delegation of citizens, decorated and saluted grave of Lafayette. July 4; received gold medal and letter of thanks from American exhibitors, diploma, of Chevalier of the Legion of Honor from the President of France, and complimented in general order upon return;

"HEADQUARTERS U. S. MARINE CORPS,
"WASHINGTON, D. C. January 10, 1890.

"It is with great pleasure that the following letters of General W. B. Franklin. Commissioner-General of the United States to the Universal Exposition of 1889, at Paris, and the Hon. Secretary of the Navy, referring to the soldierly bearing and excellent conduct of the detachment of marines lately on duty at that Exposition, are published to the officers and enlisted men of U. S. Marine Corps.

"C. G. MCCAWLEY, *Colonel Commandant.*

"NAVY DEPARTMENT, WASHINGTON,
"January, 9, 1880.

"SIR,—The Department takes pleasure in enclosing a copy of a communication, addressed to it under date of the 3d instant, by the Secretary of State, accompanied by copy of a letter from General W. B. Franklin, Commissioner-General to the Paris Exposition, commendatory of the detachment of marines at the Paris Exposition.

"Very respectfully,
"(Signed) B. F. TRACY,
"*Secretary of the Navy.*

"Colonel C. G. MCCAWLEY,
"*Commandant Marine Corps, Headquartors.*"

"OFFICE OF THE UNITED STATES COMMISSIONER-GENERAL,
PARIS EXPOSITION OF 1889.
HARTFORD CONN., December 28, 1889.

"SIR,—I have been officially informed that the detachment of United States Marines under the command of Captain Henry Clay Cochrane, U. S. Marine Corps, assisted by Lieutenant P. St. C. Murphy, of the same corps, which you were so kind as to detail for service at the Paris Universal Exposition of 1889, has returned to the United States, arriving at New York on the 24th instant. I make the following statement concerning them:

"Their behavior during the Exposition and after its close was in all respects what it ought to have been; they were admirable in discipline; their conduct was irreproachable; their performance of duty was excellent.

"Their soldierly bearing and military apppearance were far ahead of these qualities of any troops which I saw at the Exposition or in Paris. When they appeared as a body they were enthusiastically received, and it was the unanimous opinion, not only of those connected with the U. S. Commission, but of the citizens of the United States who visited the Exposition, that their presence added dignity to the United States exhibit, and that they did honor to their country and their flag.

"Captain Cochrane and Lieutenant Murphy not only performed their duties admirably as the officers of the detachment, but were of great assistance to me in various other duties that they were kind enough to undertake.

"The French authorities of the War Department were very kind in their reception of them, and in transporting them and in furnishing their quarters in the barracks of the Ecole Militaire with French troops. In fact, all French troops treated them as comrades, and the relations between these soldiers and them were of the pleasantest kind.

"Dr. J. A. Toner, a citizen of the United States, resident in Paris, and medical attaché of the U. S. Commission, attended the detachment professionally without compensation. It gives me pleasure to acknowledge his efficient and patriotic service.

"I thank you for having given me the opportunity of close acquaintance with such excellent troops.

"Respectfuly yours,

"(Signed) W B. FRANKLIN,
"*U. S. Commissioner-General.*

"HON. B. F. TRACY,
"*Secretary of the Navy,*
"*Washington D. C.*

"Through Department of State."

Marine Barracks, League Island, 1889–91; Marine Barracks, Mare Island, Cal., 1891–93.

William S. Muse.—Appointed *Second Lieutenant*, March 18, 1864; sloop "St. Mary's," Pacific Fleet, 1864–6; Marine Barracks, Washington, 1866–9. Commissioned as *First Lieutenant*, April 27, 1867; Marine Barracks, Annapolis, 1870; "Brooklyn," European Fleet, 1870–2; Marine Barracks, Washington, 1873; Marine Barracks, Annapolis, 1876–8; special duty, Fort Monroe, Va., 1878–80. Promoted to *Captain*, December 21, 1880; Marine Barracks, Annapolis, 1881; Fleet Marine-Officer, N. A. Station, 1881–4; Marine Barracks, Washington, D. C., 1884–5; Marine Barracks, Norfolk, Va., 1885; Panama Expedition, April and May, 1885; Marine Barracks, Norfolk, 1885–7; Marine Barracks, Brooklyn, 1887–8; Marine Barracks, Mare Island, 1888–9; "San Francisco," Special Service Squadron, 1890–93; Marine Barracks, Norfolk, 1893 to date.

James M. T. Young.—Born in New York. Appointed from Maryland. Commissioned *Second Lieutenant*, July 2, 1864; Headquarters, 1864–5; Marine Barracks, Pensacola, Fla., 1865–6; Headquarters, 1866; steam-sloop "Pawnee," 1867–9. Commissioned as *First Lieutenant*, August 9, 1868; signal duty at Fort Whipple, Va., 1869; instruction of signals, Navy Yard, Boston, Mass, and Portsmouth, N. H, 1870; Marine Barracks, Annapolis, 1870–3; "Powhatan," special duty, 1873–5; Marine Barracks, Annapolis, 1875–8; steamer "Wyoming," 1878–81; Marine Barracks, Annapolis, 1881; Marine Barracks, Mare Island, 1882–3, in temporary command four months; Marine Barracks, League Island, Pa., 1883–4. Commissioned *Captain*, February 24, 1884; "Tennessee," Fleet Marine-Officer, N. A. Squadron, 1884–7, and commanded squadron battalion of marines during trouble on Isthmus of Panama, 1885; Marine Barracks, Annapolis, 1887 to date; in command three months in 1888.

George C. Reid.—Born in Ohio. Commissioned as *Second Lieutenant*, July 2, 1864; Headquarters, 1864–6; steam-sloop "Monongahela," W. I. Squadron, 1867. Appointed Aide-de camp to Commandant, 1867; Headquarters, 1867–76. Commissioned as *First Lieutenant*, 1869; flag-ship "Trenton," European Station, 1877–8; steamer "Marion," 1878–9; Marine Barracks, Portsmouth, N. H., 1881; "Vandalia," 1882–4; Marine Barracks, Boston, 1884–5; Panama Expedition, April and May, 1885; Marine Barracks, Boston, 1885–7. Promoted *Captain*, April 2, 1884; Marine Barracks, Washington, 1888–9; "Chicago," Squadron of Evolution, 1889–92; Marine Barracks, Navy Yard, Washington, 1892 to date.

Erastus R. Robinson.—Born in New York. Enlisted as a private in First Michigan Volunteer Infantry, 1861; *Sergeant*, January, 1862; *Second Lieutenant*, April 28, 1862; *First Lieutenant*, August 30, 1862; Aide-de-camp to Major-General John C. Robinson, Army of the Potomac, 1862–4. Commissioned as *Second Lieutenant*, in Marine Corps, July 2, 1864; Headquarters, 1864; Marine Barracks, Mare Island, 1865; "Saranac," Pacific Squadron, 1866–7; Marine Barracks, Brooklyn, 1868; steamer "Seminole," N. A. Station, 1869–70. Commissioned as *First Lieutenant*, September 28, 1869; Marine Barracks, Brooklyn, 1870–1; Marine Barracks, Annapolis, 1871–3; U. S. S. "Franklin," N. A. Station, 1873; U. S. S. "Brooklyn," N. A. and S. A. Stations, 1874–5; Marine Barracks, Brooklyn, 1875–8; steamer "Vandalia," N. A. Station, 1879–82; Marine Barracks, Brooklyn, 1882–5. Commissioned as *Captain*, December 23, 1884; "U. S. S. "Pensacola," European Station, 1885–8; Marine Barracks, Brooklyn, 1888–92; Recruiting Rendezvous, New York, 1892 to date.

Francis H. Harrington.—Born in District of Columbia. Commissioned as *Second Lieutenant*, December 8, 1864; Marine Barracks, Washington, 1864–5; Marine Barracks, Mare Island, 1865–7; "Kearsarge," Pacific Fleet, 1867–70. Commissioned as *First Lieutenant*, 1869; Marine Barracks, Washington, 1871; Marine Barracks, Brooklyn, 1872; "Juniata," European Station, 1873–6; Marine Barracks, Norfolk, 1876–80; Marine Barracks, Navy Yard, D. C., 1881; training-ship "Saratoga," 1881–3; Marine Barracks, Washington, D. C., 1883–5; Panama Expedition, April and May, 1885; Marine Barracks, Washington, 1885–7. Promoted *Captain*, May 4, 1885; "Pinta," 1889–92; Marine Barracks, Navy Yard, Boston, 1892 to date.

D. Pratt Mannix—Born in New York. Appointed from Ohio. *Captain's Clerk*, U. S. N., December, 1862; attached to steamer "Rattler," Mississippi Squadron; performed duty also on that vessel as a divisional officer during reconnoissance up Yazoo River; at the battle of Arkansas Post, January 10 and 11, 1863; in engagement at Cypress Bend, Mississippi River, February, 1863; Yazoo Pass Expedition; battle of Fort Pemberton, March 11, 13, and 16; and in engagements on Tallahatchie River, March 19 and 22, 1863. Appointed *Acting-Master's Mate*, March 27, 1863, and attached to flag-ship "Black-Hawk," on special duty; participated in the various engagements at Vicksburg, during the siege, also in the attacks on Haines' Bluff, May 1 and 2, 1863; November, 1863, promoted to *Acting Ensign*, U. S. Volunteer Navy,; March, 1864, accompanied Admiral Porter, on steamer "Cricket," in Red River Expedition; April, 1864, at the request of the commanding officer of the iron clad steamer "Chillicothe," was ordered to that vessel as aide and signal officer during Red River Expedition; performed duty also as watch-officer, and commanded first division of great-guns in the actions at Conshatta, Cane River, Compte, and various minor engagements, during the expedition; August, 1864, ordered to command Naval Rendezvous, at Cincinnati, Ohio; October, 1864, upon relinquishing command of the Naval Rendezvous, he received a congratulatory letter signed by leading citizens of Cincinnati, expressing their gratification at the valuable results attained through his instrumentality while in charge of the rendezvous, December, 1864, Cumberland River; on the occasion of the Confederate General Hood's defeat, before Nashville; February, 1865, transferred from Volunteer Navy to Marine Corps. Commissioned as *Second Lieutenant*, February 14, 1865; in reference to this transfer, Admiral Porter wrote him: "It affords me pleasure to say that during the two years you have been under

my command your conduct has been unexceptionable, and I very much regret your leaving my squadron." February, 1865, Marine Barracks, Washington; April 15, 1865, ordered to the monitor "Saugus," Washington Navy Yard, with detachment of marines detailed for duty in guarding the conspirators and Booth's body until removed to Washington Arsenal; Marine Barracks, Mound City, Ill., July, 1865, to January, 1867; Marine Barracks, Washington, January to May, 1867; frigate "Minnesota," special service, May, 1867, to February, 1868; Marine Barracks, Philadelphia, February, 1868, to September, 1869; steamer "Frolic," on special service, September, 1869, to November, 1870. Commissioned as *First Lieutenant*, February 12, 1870; Navy Yard, Washington, November, 1870, to April, 1871; Quartermaster's Department, Headquarters, April, 1871, to April, 1874; Marine Barracks, Annapolis, April to May, 1874; practice-ship "Constellation," May to October, 1874; Marine Barracks, Annapolis, October, 1874, to October, 1875; detailed on special duty in connection with clothing for the Marine Corps, and to prepare a system of accountability, with instructions for officers in charge of clothing, arms and accoutrements, October, 1875, to January, 1876; Marine Barracks, Annapolis, January to May, 1876; May 1, 1876, at his own request, ordered to Fort Monroe, Va., to pursue the course of instruction at the Artillery School at that post; May 1, 1878, graduated at the U. S. Artillery School, and directed to report to the Secretary of the Navy; May 7, 1878, on his own application, ordered to Torpedo School, Newport, to pursue the course of torpedo instruction; October, 1878, completed torpedo course, and ordered to the steamer "Ticonderoga," commissioned for a two years' cruise around the world, to unfrequented ports, under Commodore Shufeldt, in the interest of American commerce; in addition to commanding the Marine Guard, performed also the duties of Aide and Secretary to Commodore Shufeldt during the cruise; November, 1880, detached from steamer "Ticonderoga" and ordered to report to Commodore Shufeldt, at the Navy Department, for duty in connection with the cruise of the "Ticonderoga;" April, 1881, the Chinese government having expressed a desire, through the Department of State, to have him accept the post of Torpedo Instructor, he was granted leave of absence with permission to visit China in order to carry out the wishes of that government; April, 1885, a decoration of the third-class, second rank, of the order of the Imperial Double-Dragon, was tendered him by the Emperor of China on account of distinguished services rendered the Empire as Torpedo Instructor; October, 1885, reported to the Colonel Commandant for duty and ordered to the steamer "Brooklyn." Commissioned as *Captain*, December, 19, 1885; Fleet-Officer of Marines, flag-ship "Brooklyn," Asiatic Station, 1887–8; on special duty in the Office of the Quartermaster at Headquarters, to revise the system of accountability for clothing, arms, etc., prepared by him in 1875, February to April, 1889; Marine Barracks, Washington, 1889 to date.

Mancil C. Goodrell.—Born in Ohio. Entered the Fifteenth Iowa Volunteers, January 29, 1862; served in the Army of the Tennessee, under General Grant, at the battle of Shiloh, April 6 and 7, 1862; siege of Corinth, Mississippi; battle of Iuka, September 19, 1862; battle of Corinth, October 3 and 4, 1862; campaign through Central Mississippi; siege and capture of Vicksburg; capture of Jackson, Mississippi; Meridian Expedition, under General Sherman; re-enlisted as a veteran volunteer, January 30, 1864; served in the army of the Tennessee, under General Sherman, during the Atlanta campaign, and in the battles of July 21, 22 and 28, in front of Atlanta; capture of Atlanta and Jonesborough, Georgia; pursuit of

Hood through Georgia and Alabama; from thence with General Sherman on the march to the sea, and through the Carolinas. Commissioned as *Second Lieutenant*, March 9, 1865; Marine Barracks, Washington, 1865–6; frigate "Franklin," European Squadron, 1866–8; Marine Barracks, Washington, 1869–72. Commissioned *First Lieutenant*, 1870; steamer "Frolic," S. A. Station, 1872–3; iron-clad "Roanoke," N. A. S., 1874; Marine Barracks, Washington, 1875–8; training-ship "Saratoga," 1878–81; Marine Barracks, Washington, D. C., 1881; "Swatara," 1882–5; Panama Expedition, April and May, 1885; Marine Barracks, Annapolis, 1885–6; Marine Barracks, Portsmouth, N. H., 1887. Promoted to *Captain*, July 16, 1886; Marine Barracks, Norfolk, 1888–9; "Pensacola," 1889–92; Marine Barracks, League Island, 1892, to date.

Carlile P. Porter.—Born in District of Columbia. Commissioned as *Second Lieutenant*, December 20, 1866; Naval Barracks, Washington, 1867–71; "Plymouth," European Station, 1871–2; Naval Barracks, Washington, 1872–5. Commissioned as *First Lieutenant*, 1873; steam-sloop "Swatara," N. A. Station, 1875–8; Marine Barracks, Navy Yard, D. C., 1875–81; training-ship "Portsmouth," 1881–4; Marine Barracks, Washington, 1884–6; steamer "Lancaster," 1887–9. Promoted *Captain*, August 16, 1889; Marine Barracks, Navy Yard, D. C., 1889–90; member Board of Inspection and Survey, 1890–93.

Samuel Mercer.—Born in Pennsylvania. Commissioned as *Second Lieutenant*, March 12, 1868; Marine Barracks, Washington, 1868; steam-sloop "Lancaster," S. A. S., 1869–70; "Portsmouth," same station, 1871–2; and "Lancaster," S. A. S., 1871–2; Marine Barracks, Washington, 1873–4. Commissioned as *First Lieutenant*, 1874–5; "Tennessee," Asiatic Station, 1875–6; and "Kearsarge," same station, 1876–8; Marine Barracks, Boston, 1878; R. S. "Wabash," 1878–80 Marine Barracks, Mare Island, 1880–2; steamer "Lackawanna," 1882–5; Marine Barracks, Annapolis, 1885–6; training-ship "Saratoga," 1886–7; steamer "Atlanta," 1888–91. Promoted *Captain*, October 24, 1889; R. S. "Vermont," 1891–3; Marine Barracks, New York, 1893 to date.

Allen C. Kelton.—Born in Pennsylvania. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, March 31, 1869; Marine Barracks, Boston, 1869–70; European Fleet, 1870–3; Marine Barracks, Philadelphia, 1873–5. Commissioned as *First Lieutenant*, 1874; "Powhatan," N. A. Station, 1875–7; Naval Academy, 1877–8; Marine Barracks, League Island, 1879–81; steamer "Alaska," 1881–3; Marine Barracks, Brooklyn, 1884–5; Panama Expedition, April and May, 1885; steamer "Alliance," 1886–9; Marine Barracks, League Island, 1889–90; Marine Barracks, Navy Yard, Brooklyn, N. Y., 1890–3. Commissioned *Captain*, June 18, 1890; "San Francisco," S. A. Station, 1893 to date.

Richard Wallach.—Born in the District of Columbia. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, April 24, 1869; Marine Barracks, Norfolk, 1869–70; "Narragansett," Pacific Fleet, 1870–1; "Saranac," Pacific Fleet, 1871–3; Marine Barracks, Brooklyn, 1874–8. Commissioned as *First Lieutenant*, 1876; training-ship "Constitution," 1878; steamer "Trenton," 1879–81; Marine Barracks, Norfolk, Va., 1882–4; training-ship "Portsmouth," 1884–6; Panama Expedition, April and May, 1885; Marine Barracks, Brooklyn, 1887–90; "Lancaster," Asiatic Station, November, 1890–92. Commissioned *Captain*, January 30, 1891; Marine Barracks, New York, 1893 to date.

Benjamin R. Russell.—Born in Pennsylvania. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, October 16, 1869; Marine Barracks, Washington, 1869–70; Marine Barracks, Portsmouth, 1870–1; frigate "Wabash," European Station, 1871–2; "Shenandoah," European Fleet, 1871–3; Marine Barracks, Portsmouth, 1874–6. Commissioned as *First Lieutenant*, 1876; R. S. "Worcester," 1876–7; Marine Barracks, Washington, 1877–8; Adjutant of Marine Battalion during the labor riots of 1877; special duty at Paris Exposition, 1877–8; commanding marine guard, 1878; steamer "Minnesota," 1879; steamer "Galena," North Atlantic Station, 1880–3; Marine Barracks, Washington, District of Columbia, 1883; Navy Yard, Washington, 1883–5; Marine Barracks, League Island 1885–6; "Galena," 1886; "Richmond," 1886; "Galena," 1886–9; Marine Barracks, League Island, 1889–93. Commissioned *Captain*, February 2, 1891; "New York," S. A. Station, 1893 to date.

Stephen W. Quackenbush.—Born in New York. Appointed from Virginia. Commissioned *Second Lieutenant*, December 4, 1869; Marine Barracks, Washington, 1869; Marine Barracks, Norfolk, 1870–1; steamer "Worcester." North Atlantic Station, 1872–4; Marine Barracks, Norfolk, 1874–5; Marine Barracks, Mare Island, 1876; receiving-ship "Franklin," 1877. Promoted *First Lieutenant*, March 8, 1877; "Powhatan," North Atlantic Station, 1879–82; Marine Barracks, Norfolk, Va., 1882–4; Marine Barracks, Washington, 1884; Marine Barracks, Mare Island, Cal., 1884; steamer "Juniata," Pacific Station, 1885–8; Marine Barracks, Washington, 1889–92. Commissioned *Captain*, June 15, 1892; "Newark," S. A. Station, 1892 to date.

George F. Elliott.—Born in Alabama. Appointed from New York. Commissioned *Second Lieutenant*, October 12, 1870; Marine Barracks, Washington, 1870; Marine Barracks, Portsmouth, N. H. 1871; steamer "Frolic," 1872; steamer "Monongahela," South Atlantic Station, 1873–5; Marine Barracks, Norfolk, 1876–9. Promoted *First Lieutenant*, March 30, 1878; "Alliance," North Atlantic Station, 1879–82; Marine Barracks, Boston, 1882–4; Marine Barracks, Norfolk, 1885; Panama Expedition, April and May, 1885; "Vandalia," North Atlantic Station, 1885–8; Marine Barracks, Navy Yard, Brooklyn, 1889–92. Commissioned *Captain*, June 15, 1892; "Baltimore," Asiatic Station, 1892 to date.

Otway C. Berryman.—Born in Virginia. Appointed from District of Columbia. Commissioned *Second Lieutenant*, January 24, 1870; Marine Barracks, Norfolk, 1870; Marine Barracks, Pensacola, 1871–2; Marine Barracks, Mare Island, Cal., 1873–5; "Lackawanna," North Pacific Station, 1876; Marine Barracks, Mare Island, Cal., 1877–8. Promoted *First Lieutenant*, November 16, 1877; Marine Barracks, Navy Yard, District of Columbia, 1879–81; "Essex," Pacific Station, 1881–4; Marine Barracks, Brooklyn, 1885; Panama Expedition, April and May, 1885; Marine Barracks, Brooklyn, 1885–6; "Enterprise," 1887–8; "Omaha," Asiatic Station, 1890–91; "Mohican," Pacific Station, 1891–2. Commissioned *Captain*, July 11, 1892; Navy Yard, Mare Island, 1892 to date.

William T. Spicer.—Born in St. Thomas, W. I. Appointed from Massachusetts. Commissioned *Second Lieutenant*, March 13, 1872; Headquarters of the Corps, till July, 22, 1872; Marine Barracks, Boston, July to October 23, 1872; Marine Barracks, Brooklyn, 1872–3; Marine Barracks, Mare Island, Cal., 1873; "Kearsarge," Asiatic Station, 1874–6; Marine Barracks, Boston, 1877–9. Promoted to *First Lieutenant*, January 4, 1880; "Swatara," Asiatic Station, 1880–2; Marine Barracks, Navy Yard, Washington, January

to October, 1883; Marine Barracks, Boston, October, 1883, to May, 1886; Panama Expedition, April and May, 1885; "Atlanta," North Atlantic Station, July, 1886, to December, 1888; Marine Barracks, Boston, 1889; Marine Barracks, Brooklyn, 1889–93. Commissioned *Captain*, September 6, 1892; "Chicago," European Station, 1893 to date.

Paul St. C. Murphy.—Born in New York. Appointed from New York. Commissioned as *Second Lieutenant*, January 27, 1873; Headquarters Marine Corps, Washington, 1873; Marine Barracks, Navy Yard, New York, 1873; frigate "Colorado," North Atlantic Station, 1873–5; Marine Barracks, Navy Yard, Boston, 1875; receiving-ship "Ohio," Navy Yard, Boston, 1875; receiving-ship "Wabash," Navy Yard, Boston, 1875–8; Marine Barracks, Headquarters, Washington, 1878; training-ship "Minnesota," 1878–9; U. S. corvette "Wachusett," special cruise Mississippi River, South Atlantic and Pacific Stations, 1879–82. Promoted *First Lieutenant*, April 18, 1880; Marine Barracks, Navy Yard, Philadelphia, 1882–3; flag-ship "Hartford," Pacific Station, 1883; Marine Barracks, Navy Yard, Philadelphia, 1883–5; U. S. S. "Omaha," Asiatic Station, 1885–8; U. S. S. "Pensacola," North Atlantic Station, 1888; Marine Barracks, Navy Yard, Philadelphia, 1888–9; special duty, Universal Exhibition, Paris, France, 1889; Marine Baracks, Navy Yard, Philadelphia, 1889–90; Marine Barracks, Navy Yard, Portsmouth, N. H., 1890; R. S. "Vermont," 1890–1; "Atlanta," Squadron of Evolution, 1891–3; commanding Marine Detachment, Camp Herbert, Naval Exhibit, World's Columbian Exposition, August 4 to November 30, 1893; commanding Marine Barracks, Washington. Commissioned *Captain*, March 16, 1893.

Leroy C. Webster.—Born in Delaware. Appointed from Delaware. Commissioned *Second Lieutenant*, July 1, 1874; Marine Barracks, Washington, 1874; Marine Barracks, Boston, 1874–5; "Ossipee," N. A. Station, 1876; Marine Barracks, Washington, 1877; Marine Barracks, Norfolk, 1878–80; R. S. "Franklin," 1880. Promoted *First Lieutenant*, December 21, 1880; Marine Barracks, Pensacola, 1881; "Hartford," Pacific Station, 1882–3; "Wachusett," Pacific Station, 1883–5; Marine Barracks, Mare Island, Cal., 1885–6; "Marion," 1887–90; Marine Barracks, League Island, Pa., 1890–92; Marine Barracks, Boston, 1892–93. Commissioned *Captain*, April 18, 1893; Marine Barracks, Portsmouth, N. H., 1893 to date.

MARINE CORPS—RETIRED LIST.

Retired on attaining the age of sixty-four years, in conformity with the act of Congress, June 30, 1882.

COLONELS.

Thomas Y. Field.—Born in Pennsylvania. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, March 3, 1847; with the army in Mexico during the war; brevetted First Lieutenant for gallant and meritorious conduct; frigate "Raritan," Pacific Squadron, 1850–3; Marine Barracks, Philadelphia, 1854–5. Promoted to *First Lieutenant*, October 15, 1854; sloop "Constellation," Mediterranean Squadron, 1854–5; Marine Barracks, Charlestown, Mass., 1856–7; sloop "St. Mary's," Pacific Squadron, 1858–9; steam-sloop "Saranac," Pacific Squadron, 1861. Commissioned as

Captain, May 30, 1861; Marine Barracks, Philadelphia, 1862–3; Marine Barracks, Gosport, Va., 1864. Commissioned as *Major*, June 10, 1864; Marine Barracks, Navy Yard, Washington, D. C., 1865; Marine Barracks, Philadelphia, 1866–7; Marine Barracks, Gosport, Va., 1868–9; Recruiting Rendezvous, Philadelphia, 1870–4; Marine Barracks, Portsmouth, N. H., 1875–8. Commissioned *Lieutenant-Colonel*, November 1, 1876; Marine Barracks, League Island, Pa., 1878–9; Marine Barracks, Brooklyn, 1879. Commissioned *Colonel*, April 18, 1880; Marine Barracks, Portsmouth, N. H., 1880–1; Marine Barracks, League Island, Pa., 1881–6; Marine Barracks, Norfolk, Va., 1886–8; Marine Barracks, League Island, Pa., 1889. Retired, August 17, 1889.

Clement D. Hebb.—Born in Virginia. Appointed from California. Commissioned *Second Lieutenant*, U. S. Marine Corps, March 14, 1856; Headquarters, U. S. Marine Corps, 1856; Marine Barracks, Philadelphia, Pa., 1856; sloop "Falmouth," Brazil Squadron, 1857, 1858, and 1859; sloop "Preble," Paraguay Expedition, 1859; Headquarters, U. S. Marine Corps, 1859; Marine Barracks, New York, 1859–60; Marine Barracks, Pensacola, Florida, March to December, 1860; Headquarters, U. S. Marine Corps, December to March, 1860 and 1861; in December, 1860, ordered with a detachment of marines to Fort Washington on the Potomac, to prevent that fort falling into the hands of the rebels. Commissioned a *First Lieutenant*, June, 1861; Marine Barracks, Boston, Mass., from March to June, 1861; ordered, June, 1861, to frigate "Santee," at Portsmouth, N. H.; West Gulf Squadron to October, 1862. Commissioned *Captain*, July, 1861; Marine Barracks, Gosport, Va., 1862 and 1863; Marine Barracks, Philadelphia, from March to August, 1863; ordered to battalion of marines at Morris and Folly Islands, S. C., 1863; Marine Barracks, New York, 1864; Marine Barracks, Portsmouth, N. H., from March to December, 1864; Marine Barracks, Navy Yard, Washington, D. C., from December, 1864, to April, 1865; flag-ship "Colorado," European Squadron, April, 1865, to August, 1867; commanding Marine Barracks, Navy Yard, Washington, D. C., 1867 to February, 1869; commanding Marine Barracks, Mound City, Ill., February to May, 1869; detached and ordered with the marines from Fleet Station to Washington, D. C., June, 1869; ordered to Marine Barracks, Boston, Mass., from June to October, 1869; commanded Marine Barracks, Pensacola, Fla., from October, 1869, to June, 1872; commanded Marine Barracks, Annapolis, Md., 1872 to 1873; ordered to flag-ship "Hartford," East India Station; order revoked and ordered to flag-ship "Pensacola," Pacific Squadron, 1873 and 1874; commanded marines, Navy Yard, Mare Island, California, July, 1874, to May, 1880. Commissioned *Major*, 1876; ordered to command marines, Boston Navy Yard, May, 1880, to February, 1885. Commissioned *Lieutenant-Colonel*, April, 1880; commanding marines, Navy Yard, Portsmouth, N. H., 1885 to August, 1889. Commissioned *Colonel*, August, 1889; commanding marines at Navy Yard, League Island, Philadelphia, Pa., September, 1889, to February 28, 1890; commanding marines, Navy Yard, Boston, Mass., March 1, 1890, to date of retirement, July 10, 1892.

LIEUTENANT-COLONEL.

John L. Broome.—Born in New York. Appointed from New York. Commissioned as *Second Lieutenant*, January 12, 1848; served in Mexico, during the war with Mexico, at Vera Cruz, Alvarado, and Laguna; appointed Adjutant Second Marine Battalion, at Laguna, Mexico, on the recom-

mendation of the late Colonel J. G. Reynolds, who wrote to Colonel Samuel Miller, of the Marine Corps, under date of August 9, 1848, as follows: "Lieutenant Broome, while serving with me at Alvarado, came under my particular observation, and when the detachment under Captain Waldron was sent to Laguna, I recommended Mr. Broome as the most suitable officer for the office of Adjutant; his qualifications, therefore, are fully presented you." In August, 1848, after the peace with Mexico, Lieutenant Broome returned to the United States in the United States steamer "Scorpion," Commander Bigelow, and during part of the passage, by order of Commander Bigelow, performed the duty of Watch-Officer and Master; was on duty at Marine Barracks, Brooklyn, N. Y., 1848, and part of 1849; while in charge of the steamer "New Orleans," seized by the United States for engaging in a filibustering expedition, Commander (since Admiral) Joshua R. Sands wrote to Lieutenant Broome officially, under date of September 10, 1849, as follows: "I hope for to-night you will get along comfortably, and without annoyance, and expect in the morn a more agreeable state of things. I am also instructed by Commandant McKeever to say, that he is very much pleased with your conduct throughout." Received an official letter of thanks from U. S. Marshal Talmadge, of New York, for services rendered on board steamer "New Orleans," September, 1849; served in ship "Marion," Commander William M. Glendy, 1850–2, on the East India Station; thanked officially on the quarter-deck of the ship "Marion," May 27, 1851, by Commander William M. Glendy, through the First Lieutenant of the ship "Marion," for services rendered while in charge of the launch of that vessel, in carrying out her bower anchor through the breakers, and by which anchor the ship was got off after she had been run on shore at Tam Sui, Island of Formosa, on the night of May 27, 1851; officially commended, October 30, 1851, by the commanding officer, *pro tem.* (First Lieutenant A. M. Pennock, late Admiral Pennock), of the ship "Marion," for meritorious conduct on the occasion of the blowing up of the Portuguese frigate "Donna Maria II.," Typa anchorage, off Macao, October 29, 1851; also, with the other officers of the "Marion," received the thanks of the Queen of Portugal, Donna Maria II., for meritorious conduct on the same occasion; in recognition of services performed by Lieutenant Broome, while attached to the ship "Marion," Commander William M. Glendy wrote as follows, under date of May, 1853:

"This is to certify that Lieutenant J. L. Broome has served under my command for two years and a half, and during said period I had ample opportunity of forming a just estimate of his professional abilities as a seaman and accomplished officer. Lieutenant Broome is fully competent to take charge of a ship with advantage to the owner."

Served at Marine Barracks, Brooklyn, N. Y., 1852–3, and part of 1854; served in ship "John Adams," in the Pacific Ocean, 1854–5; served at Marine Barracks, Boston, Mass., and at Philadelphia, Pa., 1856, and part of 1857. Commissioned as *First Lieutenant*, September 28, 1857; served on board ship "John Adams," Pacific Ocean, 1857–8; ordered, September 12, 1857, by Commander Henry K. Hoff (afterwards Admiral Hoff,) ship "John Adams," to take charge of the Purser's Department of that vessel, which duty Lieutenant Broome performed until the vessel was paid off at Norfolk, Va., May 5, 1858. Commander Hoff commended the conduct of Lieutenant Broome in an official communication, dated August 22, 1858, as follows:

"I am indeed gratified (for reasons which you will perfectly understand) that your many intricate accounts should have been balanced by the Auditor to, in fact, a fraction. This result has alone been effected by that constant watchfulness, which I was ever pleased to notice in the smallest item connected with the money affairs of the government, and I truly trust that you may always be moving on the *stepping-stone* of lucrative and agreeable employment as a reward, should these 'piping times of peace' prevent your obtaining it in a more grateful way."

Served on board the receiving-ship "Pennsylvania," at Norfolk, Va , part of 1858 and 1859; served on board ship "Portsmouth," on the coast of Africa, part of 1859 and part of 1860; served on board the steamer "San Jacinto," on the coast of Africa, part of 1860; ordered on board the prize slaver brig "Bonito," by Captain T. A. Dornin, as Executive-Officer, October 10, 1860; served on board the above vessel as Executive and Watch-Officer until her arrival at Charleston, S. C., December 19, 1860; mobbed in Charleston, S. C., December 20, 1860, the day of the passage of the secession ordinance, and compelled to go on board the "Bonito," then anchored off Castle Pinckney, Charleston harbor. Commander James P. Foster (lieutenant commanding prize-brig "Bonito") wrote officially as follows, in regard to Lieutenant Broome while on board the "Bonito," under date of November 23, 1866:

"I have no hesitation in saying that you have always performed your duties to my entire satisfaction as a good seaman and officer, and always careful to see that all my orders were executed, and, in conclusion, let me say I know you to be trustworthy, reliable, and in every way capable of commanding *any* class of vessel."

Ordered to the ship "Powhatan," April 4, 1861, and served on board that vessel at the relief of Fort Pickens, April 17, 1861. Commissioned as *Captain*, July 26, 1861; ordered to the flag-ship "Hartford," Flag-Officer D. G. Farragut, January, 1862, and while attached to that vessel as Fleet Marine-Officer, was in the following battles and performed the following services: battle of Forts Jackson and St. Philip, April 24, 1862; occupation of Quarantine, above Fort Jackson, with U. S. marines, under command of Captain Broome, senior-officer on shore, and hoisting U. S. flag there and taking prisoners of the rebel troops stationed there, April 24, 1862; battle of Chalmette, April 25, 1862; occupation of New Orleans with U. S. marines, under command of Captain Broome, and hoisting the U. S. flag there on the Custom House, April 29, 1862, and on the same day hauling down the rebel State flag of Louisiana from the City Hall, which flag, in accordance with previous orders, Captain Broome delivered in person to Admiral Farragut, on the quarter-deck of the flag-ship "Hartford." Colonel Broome's official report of this affair is as follows:

UNITED STATES FLAG-SHIP HARTFORD,
Off New Orleans, November 17, 1862.

SIR: Under the impression that a report had been made of the part taken by the United States marines, of the fleet under the command of Admiral Farragut, in the military operations on shore, in the approaches to and at New Orleans in April last, I made no report to the colonel commandant of the marine corps at that time. I take occasion to correct the omission, and report the following:

On the morning of the 24th April last, and immediately after the action with Forts Jackson and St. Philip, and the destruction of the rebel fleet, the marines under my command by order of Admiral Farragut, landed and took possession of the quarantine, at the same time taking prisoners the rebel troops, with their officers quartered in the quarantine buildings, and hoisting the flag of the United States on the same. Admiral Farragut having determined to take military possession of the city of New Orleans

until the arrival of the troops of the United States army under General Butler's command, a battalion of United States marines under my command, about two hundred and fifty strong, were disembarked from the fleet on the 29th of April last, and marched to the custom house, where I detailed Captain Alan Ramsay, with a detachment of marines, to occupy the custom house and guard the United States flag, then about to be hoisted on the building. At this juncture the marines were joined by two howitzers, manned by seamen, in charge of midshipmen J. H. Read and E. C. Hazeltine, from the flag-ship Hartford. After occupying the custom house, I received orders from Commodore H. H. Bell, senior officer present, to march the marines to the City Hall, a distance of about half a mile from the vessels of our fleet, and near the centre of the city. On arriving at the City Hall I directed Lieutenant John C. Harris with a guard of marines to occupy the building and enforce order there while the rebel flag was being hauled down from the flagstaff on the City Hall. After performing this duty the marines were marched to the place of embarkation, and returned to the fleet, except the marines quartered in the custom house, who were retained there for the purpose of guarding the United States flag When the troops of General Butler's command landed at New Orleans on the 1st of May last, the force of marines on duty in the city returned to the fleet. Respectfully your obedient servant, JOHN L. BROOME,

Captain Commanding Marines Gulf Squadron.

Colonel JOHN HARRIS,
Commandant United States Marine Corps,
Headquarters, Washington, D. C.

In an official communication addressed to Colonel Broome, the late Rear-Admiral Theodorus Bailey wrote:

"April 24,—the anniversary of our great victory. The part you took on that memorable occasion will ever grace the history of the U. S. Marine Corps, and will ever be the pride of your brother officers."

Battle of Vicksburg, June 28, 1862 (wounded); Commander R. Wainwright, commanding flag-ship "Hartford," under date of June 29, 1862, in reference to the battle of June 28, 1862, wrote that "the marine guard, under the command of Captain John L. Broome, had charge of two broadside guns and fought them well, thus sustaining the reputation of that distinguished corps;" battle with rebel ram "Arkansas," morning of July 15, 1862; second battle of Vicksburg, night of July 15, 1862 (severely wounded); skirmish at Donaldsonville, La.; U. S. marines, under command of Captain Broome, senior-officer on shore, and burning the place, August 9, 1862; battle of Port Hudson, March 14, 1863; battle of Grand Gulf, March 19, 1863; battle of Warrenton, March 21, 1863; second battle of Warrenton, March 23, 1863; third battle of Warrenton, March 25, 1863; fourth battle of Warrenton, March 28, 863; second battle of Grand Gulf, March 30, 1863; second battle of Port Hudson, May 27, 1863. The following is a copy of a medical certificate on file in the Bureau of Medicine and Surgery, from the late Surgeon-General J. M. Foltz, Fleet-Surgeon of the West Gulf Squadron during the war of the Rebellion, in relation to wounds received by Captain Broome in battle:

"PHILADELPHIA, October 15, 1875.

"I hereby certify that Captain John L. Broome, commanding U. S. marine guard on board Admiral Farragut's flag-ship "Hartford," in 1862, was wounded slightly during an engagement off Vicksburg, on June 23; and again during an engagement with the batteries and the rebel ram "Arkansas," off Vicksburg, on July 15, 1862, he was wounded, —severe contusions of head and chest, and that on both occasions he remained on deck at his post until the termination of the engagements.

(Signed) J. M. FOLTZ,
"*Ex-Surgeon-General, U. S. N.,*
"*Late Fleet-Surgeon West Gulf Squadron.*

"True Copy.
(Signed) "W. GRIER,
"*Surgeon-General, U. S. N.*"

Captain Broome was brevetted for gallant and meritorious conduct,—first, in the battle of Forts Jackson and St. Philip, fought April 24, 1862; second, brevetted for gallant and meritorious conduct in the battle of Vicksburg, fought July 15, 1862; and, third, brevetted for gallant and meritorious conduct in the battle of Port Hudson, fought March 14, 1863; was commissioned as Brevet Major and Brevet Lieutenant-Colonel for the above services, his brevet majority dating from April 24, 1862, and his brevet lieutenant-colonelcy dating from March 14, 1863; served in the flag-ship "Hartford," 1862, and part of 1863; Captain Jas. S. Thornton, commanding ship "Kearsarge," addressed to Brevet Lieutenant-Colonel Broome an official communication, dated May 21, 1870, as follows:

"Your brevets gave me as much pleasure as any other recognition of services during the late war, and I wish sincerely I could congratulate you on a real promotion. However, the empty honor is a recognition of *real services*, and as such will be prized by you, as I know it is by your friends."

On duty at Marine Barracks, Brooklyn, N. Y., part of 1863; on duty at Marine Barracks, Portsmouth, N. H., part of 1863 and part of 1864; on duty at Marine Barracks, Brooklyn, N. Y., part of 1864; on duty in command of the marines at Mound City, part of 1864 and part of 1865. Commissioned *Major*, December 8, 1864; on duty in command of the Marine Barracks, Norfolk, Va., part of 1865, 1866, and part of 1867; ordered to command the Marine Barracks, Brooklyn, N. Y., December 7, 1867. Colonel Broome was thanked by E. T. Wood, Esq., U. S. Internal Revenue Collector for the Third District, N. Y., in an official letter, dated April 14, 1868, for the valuable services he rendered on April 13, 1868, on a whiskey raid in the Fifth Ward, Brooklyn, N. Y.; also thanked by Michael Scanlon, Esq., Assessor of the Third District, N. Y., in an official letter, dated March 28, 1870, for the able manner in which he supported the U. S. Revenue officers on a whiskey raid in Brooklyn, N. Y. Rear-Admiral S. W. Godon, Commandant Navy Yard, Brooklyn, N. Y., wrote officially to the Hon. Geo. M. Robeson, Secretary of the Navy, under date of March 29, 1870, in referring to the whiskey raid of March 28, 1870, that "Colonel Broome performed this most delicate duty, as I expected he would, with much prudence, forbearance, and firmness." In an official communication in reference to a whiskey raid in Brooklyn, N. Y., on November 2, 3, and 4, 1870, S. B. Dutcher, U. S. Internal Revenue Supervisor, wrote under date of November 7, 1870, to Rear-Admiral M. Smith, Commandant Brooklyn Navy Yard:

"I also desire, through you, to convey my warmest thanks to Colonel Broome, who so ably commanded the marines on that occasion, and for the manner in which this peculiar and difficult duty was performed."

General Israel Vogdes, First Artillery, U. S. Army, addressed an official letter, dated November 9, 1870, to Colonel Broome, in which he expresses his "high appreciation of the valuable services and hearty co-operation rendered to him on that occasion," referring to the whiskey raid of November, 1870, on which occasion the U. S. marines, under Colonel Broome's command, were associated with those of the U. S. Army, under the command of General Vogdes. Brigadier-General Jacob Zeilin, Commandant U. S. Marine Corps, in an official communication, dated November 17, 1870, addressed to Colonel Broome, wrote as follows in reference to a then-recent whiskey raid:

"The services which the officers and men were called on to perform on this trying occasion were of a delicate nature, requiring firmness and discretion. To the display of

these qualities is due the successful and bloodless results of these operations. I highly appreciate your conduct throughout as commanding officer of the marines."

On January 27, 1871, Colonel Broome received a complimentary official letter from General Zeilin, Commandant U S. Marine Corps, dated January 24, 1871, expressing his entire approbation of the manner in which Colonel Broome had performed his duty in command of the marines, on the occasion of the whiskey raids of the 12th and 13th of January, 1871, in Brooklyn, New York. In an official letter, dated July 15, 1871, James J. Jourdan, Assessor Internal Revenue, wrote to Rear-Admiral Smith, Commandant Brooklyn Navy Yard, in reference to a whiskey raid on the 14th of July, 1871, as follows:

"I have but to add my thanks, and through you to Colonel Broome; were it not for the presence of Colonel Broome and his forces many of my men would certainly have been killed or wounded (as it was, three of them were injured, one, it is feared mortally)."

In an official letter, dated Treasury Department, Washington, July 19, 1871, Commissioner A Pleasanton wrote to Colonel Broome as follows:

"Colonel, accept the thanks of this office for your promptness in responding to the call made upon you for asssistance on the morning of the 14th inst., by Assessor Jourdan, of the First District of New York. Great credit is due to you and your command for the services rendered him and his assistants in breaking up the business of illicit distilling in his district."

In an official letter, dated October 19, 1871, addressed to Colonel Broome, Rear-Admiral Smith, Commandant Navy Yard, Brooklyn, New York, expressing the thanks of Supervisor Dutcher to Colonel Broome for his services on the whiskey raid of October 17, 1871. In September, 1872, Colonel Broome was ordered by the Navy Department to visit the States' prisons of Northern States, and to report the result of his examination of them to the Navy Department, which duty was performed to the satisfaction of the Department, as expressed in the following extract copy from the report of Commodore C. R. P. Rodgers, Chief of the Bureau of Yards and Docks, to the Secretary of the Navy, dated

"BUREAU YARDS AND DOCKS, WASHINGTON, November 13, 1873.

"Our prisoners now pass their time in wretched idleness; but, under a better system, their labor would provide for their support, and, perhaps, lead to reformation. Lieutenant-Colonel Broome, of the marines, has, under the direction of this Bureau, examined the prisons of the Northern States, and has carefully and intelligently stated the need of the navy in this particular, and the best method of meeting it. His excellent report is already in your hands."

Commmissioner Douglas, of the Internal Revenue Bureau, Washington, addressed an official letter of thanks to Colonel Broome, dated November, 1874, expressing his high appreciation of the services rendered by Colonel Broome on a whiskey raid in the Fifth Ward, Brooklyn, New York, November, 1874. Colonel Broome was thanked by Vice-Admiral S. C. Rowan, U. S. N., Commandant of the Navy Yard, Brooklyn, New York, in an official communication, dated December 21, 1874, for services rendered at a fire in the Navy Yard, Brooklyn, New York. Colonel Broome was thanked by Commodore J. W. A. Nicholson, Commandant Navy Yard, Brooklyn, New York, in an official communication, dated January 3, 1878, for services rendered at a fire in the Navy Yard, Brooklyn, New York. On the occasion

of the whiskey gang and other like parties in New York and Brooklyn endeavoring to remove Colonel Broome from the command of the Marine Barracks, Brooklyn New York, General A. Pleasanton, Commissioner of Internal Revenue, addressed an official letter to the President of the United States, dated Washington, March 3, 1871, of which the following is an extract copy:

"Colonel Broome on several occasions has shown so much ability, energy and usefulness in this service, and it is so critical a service in bringing the troops in contact with the civil authorities, that I must request, if it can be done, Colonel Broome shall remain in his present command. At this time I do not know of an officer who can replace him for this particular service."

Detached from the command of the Marine Barracks, Brooklyn, N. Y., October 31, 1879, and ordered to command the Marine Barracks, Norfolk, Va.; continued in command of the Marine Barracks, Norfolk, Va., until March 15, 1881, and was then ordered to command the Marine Barracks, Brooklyn, N. Y.; assumed command of that post on the 18th of March, 1881, and continued in that command until 31st of January, 1883; on waiting orders from January 31, 1883, until April 10, 1883; on leave of absence in Europe from April 10, 1883, until September, 1883; ordered to command the Marine Barracks, Kittery, Maine, Navy Yard, October 1, 1883. By request of Rear-Admiral J. W. Livingston, the U. S. Navy made a report of an occurrence which took place under his orders, during the War of the Rebellion, while he was in command of the Mound City, Illinois, Navy Yard, which narration was endorsed as follows, and placed on file in the Navy Department by order of the Secretary of the Navy:

(Copy.)

"NEW YORK, February 21, 1884.

"Colonel,—The narrative you give me of an occurrence which took place at the Mound City Naval Station, when under my command, viz., an expected attack by the Confederates upon that station during the late war, is quite correct. I also remember your gallant conduct in volunteering to take an order from me, your riding nine miles to deliver it on a dark and tempestuous night, in a country infested with enemies of every character, in which you succeeded in obtaining valuable information, and returning with it through 'much suffering,' and which proved to be of great importance, and for which you received my praise and thanks.

"Respectfully,

"JNO. W. LIVINGSTON, *Rear-Admiral, U. S. Navy.*

"COL. JOHN BROOME, *U. S. Marines.*"

(Copy.)

"NAVY DEPARTMENT, WASHINGTON,
"November 19, 1884.

"SIR,—I have to acknowledge the receipt of your communication of the 15th instant, enclosing a letter addressed by you to Rear-Admiral J. W. Livingston, bearing date of December 22, 1883, with his endorsement thereon, and to inform you that it has been placed on the files of the Department.

"Very respectfully,

"WM. E. CHANDLER, *Secretary of the Navy.*"

Detached from the command of the Marine Barracks, Kittery, Maine, Navy Yard, on the 1st of February, 1885, and on the same date, as ordered, took command of the Marine Barracks, Boston, Mass., Navy Yard, and remained in that command until detached and placed on the retired list, as shown by the following letter of the Commandant of the U. S. Marine Corps, viz.:

"HEADQUARTERS U. S. MARINE CORPS, WASHINGTON,
"February 23, 1888.

"SIR,—In detaching you at your own request from the command at Boston, preparatory to your retirement from active service, March 8, I desire to testify to your long and faithful service, extending over a period of forty years, and your uniform zeal and good conduct in the performance of duty during that time, covering, as it does, important eras in our national history, both of foreign and civil wars. Wishing you health and happiness in the future,

"I remain,
"Very respectfully,
"C. G. MCCAWLEY, *Colonel-Commandant.*

"LIEUTENANT-COLONEL J. L. BROOME,
"*Commanding Marines, Boston, Mass.*"

In January, 1866, a Board, consisting of all the Admirals in the Navy (save one on foreign service) was convened at the Navy Department, and ordered to report to the Secretary of the Navy those officers of the Navy and Marine Corps, who had exhibited eminent and conspicuous conduct in battle, or extraordinary heroism, and who were entitled to advancement, as provided for in the Act of Congress, approved by the President, January 24, 1865. Admiral Farragut particularly recommended to this Board, of which he was the President, that Major Broome should be promoted, and the Board unanimously reported that Major Broome should be advanced from Junior Major to Senior, or No. 1 Lieutenant-Colonel, thus advancing him, as provided for by law, over the five Field-Officers in the Marine Corps who were above him. Had the law of Congress been respected, Lieutenant-Colonel Broome would have been promoted a full Colonel on the 7th of December, 1867, by the vacancy of Colonel William L. Shuttlesworth, and retired as a Colonel, instead of a Lieutenant-Colonel, in March, 1888, as unanimously reported by the Naval Committee of the U. S Senate, as follows, viz. :

The Committee on Naval Affairs, to whom was referred the bill (S. 848) for the relief of John L. Broome, have considered the same and beg leave to report:

"On the 24th day of January, 1865, an act of Congress to provide for an advance of rank to officers of the Navy and Marine Corps for distinguished merit, was approved by the President of the United States, and therefore became a law of the United States, in the following words and figures, to wit (Stat. L., vol. 13, 1863–65, p. 424; January 24, 1865):

"'*AN ACT to provide for an advance of rank to officers of the Navy and Marine Corps for distinguished merit.*

"'*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That any officer of the Navy or Marine Corps, by and with the advice and consent of the Senate, may be advanced, not exceeding thirty numbers in rank, for having exhibited eminent and conspicuous conduct in battle or extraordinary heroism.

"'SEC. 2. *And be it further enacted,* That any officer of the Navy or Marine Corps, either of volunteers or others, who shall be nominated to a higher grade by the provisions of the first section of this act, or of that of section 9 of an act entitled "An act to establish and equalize the grades of line officers of the United States Navy," approved July 16, 1862, shall be promoted, notwithstanding the number of said grade may be full; but no further promotion shall take place in that grade, except for like cause, until the number is reduced to that provided by law.

"'SEC. 3. *And be it further enacted,* That all acts or parts of acts which are inconsistent with the provisions of this act are hereby repealed.'

"For the purpose of carrying into effect the above recited act of Congress with intelligent and just discrimination, the Honorable Secretary of the Navy organized a board of

naval officers of the highest rank to take into consideration the purposes of said act of Congress and report to him the names of those officers of the Navy and Marine Corps who had exhibited eminent and conspicuous conduct in battle or extraordinary heroism. The Board so ordered consisted of Vice Admiral D. G. Farragut, Rear-Admiral Charles H. Davis, Rear-Admiral John A. Dahlgren, and Rear-Admiral David D. Porter. This Board convened at the Navy Department, Washington, on or about January 24, 1866, and after a session of about seven days, during which time the Board, engaged in obedience to the orders they had received from the Honorable Secretary of the Navy, made an official report in writing to the Honorable Secretary of the Navy, dated on or about the 30th of January, 1866, recommending by name a number of officers of the naval service of the United States for advancement. After the report of the aforesaid Naval Board was made, a large number of naval officers received promotion by advancement, but not one officer of the United States Marine Corps was advanced or promoted a single number. The proceedings of this Board of Admirals was not made public or promulgated by the then Secretary of the Navy, the Hon. Gideon Welles; and when Mr. Welles ceased to be Secretary of the Navy and left the Navy Department, he took the proceedings and report of the said Board with him to his home in Hartford, Conn.; and when the Hon. G. M. Robeson became Secretary of the Navy, he wrote to Mr. Welles, requesting him to send the report of the Board of Admirals to the Navy Department, which Mr. Welles declined to do. Nearly twenty years after, Lieutenant-Colonel Broome received in a letter from Mr. Welles, son of the late Secretary Welles, a copy of the action of the Board of Admirals in his case, recommending him for advancement to the rank of Junior Colonel in the U. S. Marine Corps, for conspicuous and meritorious conduct in battle; and in confirmation of this information from Mr. Welles, the following letter has been written by the Admiral of the Navy:

"'OFFICE OF THE ADMIRAL,
"'*Washington, D. C., January 13, 1888.*

"'To whom it may concern:

"'This is to certify that Lieut-Col. John L. Broome U. S. Marine Corps, was recommended for promotion by the Board of Admirals, of which Board I am the only surviving member, said Board having been convened to recommend the promotion of officers for gallant conduct during the late war. Colonel Broome, then the Junior Major of the Marine Corps, was particularly recommended to the Board for promotion by Admiral Farragut for bravery and highly meritorious services in battle, and the Board recommended that he should be promoted to No. 1 Lieutenant-Colonel for New Orleans and the Mississippi River. In consideration of the circumstances of his case, I consider that Lieutenant-Colonel Broome should be retired with the rank of Colonel. Admiral Farragut always spoke of Colonel Broome in the highest terms and desired that he should be promoted, and, although Colonel Broome never served with me in battle, yet I consider it but just that promotion should be given him.

"'DAVID D. PORTER, *Admiral U. S. Navy.*'"

"It is impossible to suppose that the action of this distinguished Board in the case of Lieutenant-Colonel, then Major, Broome, by which he was advanced from the rank of Junior Major to that of Colonel, was caused by anything but a sense of the exceptional merits of this officer, which at that time, just after the war, was well known and fully recognized by his fellow-officers. This is the promotion dearest to a soldier's heart, and the incentive to, and the just reward for, that personal gallantry which has often turned defeat into victory, and illustrated so many pages of our military history. If Major Broome had received the advancement which we are compelled to think was then (1866) his due, and which the act of Congress intended should be his, he would have been retired as a Colonel, instead of a Lieutenant-Colonel, in March, 1888. In view of the above your committee recommend the passage of the bill."

And on May 28, 1892, Mr. McAleer, of Committee on Naval Affairs of the House of Representatives, submitted a report concluding as follows:

"It is thus shown that if Lieutenant-Colonel Broome had received the promotion awarded to him by virtue of the act of Congress herein referred to, he would have been retired as a Colonel, instead of a Lieutenant-Colonel, in March, 1888. Many other reasons why this bill should pass will be suggested to any one who reads the record of this officer's long and faithful service in the Marine Corps. The committee recommend that the bill H. R. 4287 (of similar import) be laid on the table, and request the passage of the bill H. R. 1072.

MAJOR.

William B. Slack.—Born in New Jersey. Appointed from New Jersey. Commissioned as *Second Lieutenant*, January 28, 1839; Headquarters, Washington, District of Columbia, 1839–40; frigate "Delaware," Brazil Squadron, 1841–4; Marine Barracks, Gosport, Virginia, 1845–6; Home Squadron, during Mexican War; was at the capture of Tuspan; commanded a company of marines serving with the Third Regiment of Artillery, acting as infantry, at the siege and capture of Vera Cruz; was at the capture of Tobasco; commanded a battalion of marines at the battle of Tamulte; was military commandant of Tobasco, during the time it was held by the naval forces; brevetted Captain for bravery in battle, 1847. Commissioned *First Lieutenant*, March 3, 1847; Marine Barracks, Washington, District of Columbia, 1850–1; steam-frigate "Susquehanna," East India Squadron, 1851–2; steam-frigate "Mississippi," East India Squadron, 1853–5; was with Commodore Perry, commanding a company of marines, upon both occasions of his landing in Japan; Marine Barracks, Washington, District of Columbia, 1855–6; receiving-ship "Pennsylvania," Norfolk, Virginia, 1857. Commissioned *Captain*, February 8, 1857; steam-frigate "Merrimac," Pacific Squadron, 1858–60. Commissioned *Major*, and appointed Quartermaster of Marine Corps, 1861; acted as Quartermaster to battalion of marines in first battle of Bull Run; Headquarters, Washington, District of Columbia, 1861–85. Retired, May 3, 1885.

Retired on their own application after thirty years' consecutive service.

COLONEL.

William B. Remey.—Born in Iowa. Commissioned as *Second Lieutenant*, November 25, 1861; frigate "Sabine," special service, 1862–3; Marine Barracks, Gosport, Va, 1864; R. S. "North Carolina," 1865. Commissioned as *First Lieutenant*, 1863; steamer "Vanderbilt," Pacific Squadron, 1865–7; R. S. "New Hampshire," 1868; Marine Barracks, Philadelphia, 1868–9; special duty, Washington, 1869–70; Headquarters, Washington, 1871–2. Commissioned as *Captain*, 1872; frigate "Colorado," N. A. S., 1873–4; Headquarters, Washington, 1875; Fleet Marine-Officer, South Pacific Station, 1875–6; Fleet Marine-Officer, S. A. Station, 1876–7; Navy Yard, Norfolk, 1878; Acting Judge Advocate-General, 1878–80; Judge Advocate-General, with rank of Colonel, from June 9, 1880, until date of retirement, June 4, 1892.

LIEUTENANT-COLONEL.

George Porter Houston.—Appointed *Second Lieutenant* U. S. Marine Corps, October 23, 1860; ordered to U. S. S. "Pawnee," April, 1861, and participated in destruction of Navy Yard, Norfolk, May, 1861; ordered to command marines, Navy Yard, Washington; detached and ordered to Marine Barracks, Brooklyn, May, 1861; detached from Barracks, and ordered to command marines, U. S. S. sloop "Jamestown," September 1, 1861. Promoted to *First Lieutenant*, August, 1881; participated in expedition to cut out or destroy barque "Alvarado," under a battery at Fernandina, June, 1862; detached and ordered to headquarters, Washington, as drill instructor, September, 1862; detached and ordered to "Wachusett," flag-ship, West India Squadron, December, 1862; was put with fifteen marines on board the Confederate steamer "Virginia," in harbor of Meuhe-

ras, by Admiral Wilkes, with orders to hold her; in January, 1863, got "Virginia" under way with marines, one at the wheel, another in chains; fired one boiler, ran engine, took vessel out of harbor, and turned her over as a prize to "Wachusett" and "Sonoma," some fifteen miles off shore, for which was thanked in orders by Admiral Wilkes; detached from "Wachusett," July, 1853, and ordered to Pensacola, Fla.; October 14, commanded an expedition up Blackwater River, to destroy boats, bridges, etc.; succeeded after the loss of two men; December, 1863, invalided home from effects of yellow fever; January 1864, ordered to sloop "Brooklyn," Gulf Squadron. Promoted *Captain*, February 4, 1864; August 5, participated in battle of Mobile Bay, and capture of Confederate iron-clad "Tennessee," and destruction of Fort Morgan; August 24 and 25, bombardment and capture of Fort Morgan; December 24 and 25, 1864, participated in bombardment of Fort Fisher, also the bombardment of Fort Fisher on January 13, 1865, and capture on the 15th of January, 1865; detached from "Brooklyn," February, 1865, and ordered to Marine Barracks, Brooklyn; detached from Barracks, Brooklyn, May, 1865, and ordered to command of Marine Barracks, Philadelphia, September, 1865; detached and ordered to headquarters, Washington; October, 1865, detached and ordered on recruiting service, Philadelphia. Promoted *Brevet Major* for gallant and meritorious service at Mobile Bay, to date from August 5, 1865; June, 1867, detached from Philadelphia; U. S. ship "Minnesota," special cruise to Europe; February, 1868, detached from "Minnesota," and ordered to Barracks, Brooklyn, December, 1869, and ordered to command marines, Darien Exploring Expedition; detached, July, 1870, and ordered to command marines, U. S. R. S. "Vermont," New York; detached from "Vermont," September, 1871, and ordered to the "Wabash," flag-ship, European Squadron; detached from "Wabash," July, 1873, and ordered to command Marine Barracks, Navy Yard, Washington; detached from Barracks, Navy Yard, Washington, February, 1877, and ordered to command Marine Barracks, Annapolis; detached from Annapolis, July, 1879, and ordered to command marines, flag-ship "Powhatan," North Atlantic Squadron; detached, December, 1879, and ordered to the "Tennessee," flag-ship, North Atlantic Squadron. Promoted *Major*, December, 1881; detached from "Tennessee," March, 1881, and ordered to command Marine Barracks, Norfolk; detached from Norfolk, July, 1883, and ordered to command Barracks, headquarters, Washington; detached from Washington, and ordered to command Marine Barracks, Boston; detached from Boston, August, 1889, and ordered to Marine Barracks Philadelphia; order suspended, and ordered to remain in Boston and superintend repairs of Barracks. Promoted *Lieutenant-Colonel*, October 24, 1889; detached from Boston, March 1, 1890, and commanded Marine Barracks, Philadelphia, until date of retirement, February 2, 1891.

MAJOR.

William R. Brown.—Born in Pennsylvania. Appointed from Pennsylvania. Commissioned *Second Lieutenant*, November 25, 1861; Marine Barracks, Philadelphia, 1862; steam-sloop "Lancaster," flag-ship, Pacific Squadron, 1862–4. Commissioned as *First Lieutenant*, August 18, 1862; special duty, Philadelphia, 1864–72. Commissioned as *Captain*, 1872; steam-sloop "Alaska," European Station, 1873–6; R. S. "St. Louis," 1877–78; Marine Barracks, League Island, 1878–82; "Hartford," 1883–6; Marine Barracks, Norfolk, 1887–90; Navy Yard, Portsmouth, N. H., 1890–92. Promoted *Major*, July 11, 1892; retired, September 5, 1892.

CAPTAIN.

E. P. Meeker.—Entered service, August 5, 1859, as *Captain's Clerk;* U. S. frigate "Congress," Brazil Squadron, 1859–61; *Flag Officer's Clerk,* U. S. flag-ship "Minnesota," North Atlantic Blockading Squadron, 1861–2; commanded section of howitzers, McCook's Battery, battles of Roanoke Island, Fort Thompson and Newbern, N. C.; specially commended on the field by General Burnside for gallant conduct at Fort Thompson. Appointed *Second Lieutenant,* U. S. Marine Corps, June 14, 1862; Battalion Marines, Morris and Folly Islands, S. C., 1863, attack and capture of Fort Wagner. Promoted *First Lieutenant,* November 17, 1864; U. S. flag-ship "Colorado," North Atlantic Blockading Squadron, 1864–5. Brevetted *Captain,* January 14, 1865, for gallant and meritorious conduct at capture of Fort Fisher; flag-ship "Colorado," European Squadron, 1865–7; Fleet Marine Officer, flag-ship "Richmond," Pacific Station, 1872–6. Promoted *Captain,* November 17, 1877; Fleet Marine Officer, flag-ship "Shenandoah," South Atlantic Squadron, 1879–82; Panama Expedition, 1884; receiving-ship "Vermont, 1888–90; Navy Yard, Brooklyn, N. Y., 1890–91; Recruiting Rendezvous, New York, 1891–92; flag-ship "Chicago," N. A. Station, 1892 until date of retirement, March 15, 1893. Received the order of Busla del Liberator from Venezuelan Government for services rendered while commanding troops for protection of U. S. Consulate in 1892.

Retired from incapacity resulting from sickness originating in the line of duty.

CAPTAINS.

James Wiley.—Served as *Midshipman* for seven years in the U. S. Navy, 1840–7; and as a commissioned officer of Marine Corps for twenty-five years. Commissioned as *Second Lieutenant* of Marine Corps, June 9, 1847. Total active service, thirty-two years. Served as Midshipman a three years and four months' cruise in the frigate "Constellation;" a two years' cruise in steam frigate "Mississippi," and for some months in the transport "Lexington;" also eight months in the receiving-ship "Ontario," at Baltimore, Md. As Marine Officer, served under Flag-Officer Dupont, S. A. Squadron, 1861–2, with the Marine Battalion; was on board the transport "Governor," second in command of the Marine Battalion, when the transport "Governor" sunk off the coast of South Carolina, November 2, 1861; served with the Marine Battalion in the campaign against South Carolina and Florida during the Rebellion; was in command of the marines of the Squadron stationed on shore at Panama during the riot of 1855; was in command of the Guard of "St. Mary's," stationed on shore at Apia, Samoan Islands, in 1854, to chastise the natives for committing depredations on an American brig; served with the marines on the west coast of Mexico during the Mexican War; made a cruise in the "Ohio," 74 guns; in the "Saranac;" in the "St. Mary's;" in the frigate "Brandywine;" in steam frigate "Powhatan;" U. S. steam frigate "Wabash," on European Station; was stationed with Marine Guard of "Wabash," blockading Charleston, South Carolina; during the Rebellion served on shore at the following stations: Boston, New York, Philadelphia, Norfolk, Va., Pensacola, Fla. Commissioned as *First Lieutenant,* September 27, 1856. Commissioned as *Captain* and appointed Assistant Quartermaster of Marine Corps, 1861; served in that capacity at Brooklyn, San Francisco, New York, and Philadelphia, until retired, June 20, 1872. At this date he has been fifty-three years as an officer on the active and retired lists.

Charles A. Stillman.—Appointed from Connecticut. Served with the Marine Battalion under command of Major Reynolds at the capture of Port Royal, S. C., in 1861, by Admiral Dupont; July 1, 1862, Marine Barracks, Portsmouth, N. H.; December, 1862, ordered to U. S. S. "Colorado," on Blockading Squadron; July, 1863, at Navy Yard, New York, and served in the Marine Battalion during the draft riots in New York City; October, 1863, was with Admiral Porter on the Mississippi River; July, 1864, ordered to U. S. S. "Juniata," on Blockading Squadron; 1865–6, in command of Marine Guard, U. S. S. "Cyane," Pacific Squadron; July, 1866, ordered to command Guard, U. S. S. "Lancaster," and served on her until put out of commission in March, 1867; 1867–9, Marine Barracks, Brooklyn, N. Y.; 1870, in command of Marines, U. S. S. "Vermont," Navy Yard, New York; 1871, ordered as Fleet Marine Officer of North Pacific Squadron, U. S. S. "Ossipee," flag-ship of Rear-Admiral Taylor. Retired by reason of sickness, incurred in line of duty, March 12, 1872. Commissioned *Second Lieutenant*, November 25, 1861; *First Lieutenant*, November 26, 1861; *Captain*, December 5, 1867.

F. H. Corrie.—Appointed *Second Lieutenant*, November 26, 1861; served in Marine Battalion at Port Royal in 1861–2, and took part in the naval assault on Fernandina, Florida, 1862; November, 1862, was ordered to and proceeded with battalion of marines, under command of Major Addison Garland, to Navy Yard at Mare Island, California, taking passage on board the Pacific mail steamer "Ariel." This steamer was overhauled on the high seas by the Confederate cruiser "Alabama," and the officers and men comprising the battalion of marines were made prisoners of war, and paroled by the commanding officer of the "Alabama" for three months each. Arrived at Mare Island and went on duty at the Navy Yard as soon as exchanged, being of the first prisoners exchanged during the war; remained on duty on Mare Island until July 22, 1864, and then ordered to proceed to Marine Barracks, Brooklyn, for duty at that port, serving there until October 11, 1864; ordered from Brooklyn in command of marine guard on board of the steamer "Juniata," North Atlantic Station; November 29, 1864, detached from "Juniata" and ordered to command the marine guard on board of the "Powhatan," flag-ship, Third Division, in preparation for the attack on Fort Fisher; December, 1864, and January, 1865, at Fort Fisher; commanded the marine guard of the "Powhatan," and marines, in both engagements, manning a battery of 9-inch guns; landed on the beach below Fort Fisher, January 16, 1865, and commanded a company of marines in the assault of that date; was favorably mentioned by Commodore Schenck, division commander, in his report of that engagement. Promoted *Brevet-Captain*, January 14, 1865; March, 1865, while the "Powhatan" was "repairing damages" sustained at Fort Fisher, obtained a short leave of absence; went to the front at Petersburg and Richmond, and volunteered as aide-de-camp to General Miles, commanding First Division, Second Army Corps; for his services in the severe battle of March 25, he was publicly thanked on the field by General Miles, who next day wrote as follows:

"SIR,—Permit me to acknowledge the service rendered by you in the battle of the 25th. Acting entirely in a volunteer capacity upon my staff, your coolness and gallant bearing under the severest fire were calculated to give encouragement to the troops, while your prompt transmittal of orders proved you to be a most efficient aide-de-camp. Please accept my thanks for the valuable assistance you afforded me yesterday in an engagement which, being in an entirely different arm of the service from your own, was marked by unusual spirit and severity."

Reported for duty on the steamer "Powhatan," flag-ship, South Atlantic Squadron, and proceeded to Key West, thence to Cuba, where the "Powhatan" performed the duty of watching the rebel ram "Stonewall Jackson," then lying in the port of Cuba; May 10, 1865, detached from the "Powhatan" and ordered to the Marine Barracks, Norfolk, Virginia; in December, 1866, detached from the barracks and ordered to the command of the marine guard on board of the receiving-ship "New Hampshire," at Norfolk, Virginia; October 28, 1867, detached from the "New Hampshire" and ordered to command the marine guard on board the receiving-ship "Vermont," at New York; June 14, 1868, detached from the receiving-ship "Vermont," and ordered to command the marine guard on board of the "Juniata," preparing for service in the European Squadron. Promoted *Captain* Marine Corps, February 12, 1870; served on board of the "Juniata," attached to the Mediterranean Squadron, until April 10, 1872, and then detached and ordered to command the marine guard on board the "Plymouth," in the same squadron; returned to the United States on board the "Plymouth" *via* South African coast, and detached from her June 30, 1873, and ordered to Marine Barracks, Mare Island; June 17, 1874, detached from Mare Island, and ordered on board of the "Pensacola," flag-ship of the North Pacific Squadron, as Fleet Marine-Officer; relieved December 30, 1874, and ordered to Marine Barracks, Mare Island, for duty at that post; detached from Mare Island, September 15, 1876, and ordered to Marine Barracks, Brooklyn; during the labor riots of July and August, 1887, was ordered on the 24th of July to command the marine guard of the "Colorado," of fifty men, and proceed to Watervliet Arsenal, Troy, New York, for the purpose of guarding and protecting government property at that place; served there until August 20, 1877, being relieved by general order No. 30, issued by Brevet Brigadier-General P. V. Hagner, commanding, in which order "the detachment of marines under command of Captain F. A. Corrie, U. S. Marine Corps," receives his hearty thanks, and "both officers and men are commended for their cheerful assistance and soldier-like conduct in the discharge of the duties assigned to them." Marine Barracks, Brooklyn, 1878–80; "Richmond," North Atlantic Station, 1880–2; R S. "Vermont," 1882–5. Retired, 1885.

George B. Haycock.—Born in Maine. Commissioned as *Second Lieutenant*, March 10, 1863; Marine Barracks, Philadelphia, 1863–5; "Canandaigua," European Squadron, 1865–8. Commissioned as *First Lieutenant*, June 20, 1866; Marine Barracks, Boston, 1868–9; Marine Barracks, Portsmouth, 1869–70; brevetted *Captain*, June 7, 1870; Navy Yard, Washington, 1871; Marine Barracks, Portsmouth, 1872; "Congress," European Station, 1872–3; Quartermaster's Office, Washington, 1874–5; ordnance duty, Washington, 1875–6; Marine Barracks, Portsmouth, 1876–7; "Swatara," 1878; Marine Barracks, Annapolis, 1878–81. Commissioned *Captain*, April 18, 1880. Retired, March 19, 1883.

Israel H. Washburn.—Born in Maine. Appointed from Maine. Commissioned as *Second Lieutenant*, March 18, 1864; Marine Barracks, Portsmouth, New Hampshire, 1864–5; steamer "Rhode Island," flag-ship, Atlantic Squadron, 1865–6; Marine Barracks, Portsmouth, New Hampshire, 1867. Commissioned as *First Lieutenant*, August 29, 1867; Marine Barracks, Charlestown, Massachusetts, 1868; Marine Barracks, Portsmouth, New Hampshire, 1869–70; special duty, Philadelphia, 1871; "Michigan," on the lakes, 1871–2; receiving-ship "Sabine," 1874–5; Marine Barracks, Boston, 1875–8; receiving-ship "Wabash," 1878; "Enterprise," 1878–80;

Marine Barracks, Boston, 1880–2; "Powhatan," 1883–4. Retired, July 15, 1886.

Frank D. Webster.—Born in New Hampshire. Appointed from New Hampshire. Served in the War of the Rebellion, U. S. Army, as *First Lieutenant*, Seventeenth Regiment, N. H. Volunteers, 1862; recruited a company for the same; honorably mustered out, 1863. Commissioned as *Second Lieutenant*, U. S. Marine Corps, March 18, 1864; Marine Barracks, Charlestown, Massachusetts, 1864; steam-sloop "Lancaster," flag-ship, Pacific Squadron, 1864–7; was present at the capture of the Salvador pirates in Panama Bay, 1864; during the insurrection on the Isthmus, 1865, commanded the troops ordered on shore at Panama, to protect the American Consulate; Marine Barracks, Boston, 1867. Commissioned as *First Lieutenant*, December 5, 1867; receiving-ship "Ohio," 1868; Naval Station, Pensacola, 1869–70; recruiting service, New Orleans, 1870; Marine Barracks, Portsmouth, N. H., 1870; commanded marines, frigate "Tennessee," special service, to take the U. S. Commissioners and their suite out to the Island of San Domingo, 1870–1; Marine Barracks, Portsmouth, 1871; "Congress," European Station, 1871–2; Marine Barracks, Philadelphia, 1873–6; Marine Barracks, Brooklyn, 1877; receiving-ship "Franklin," Norfolk, 1877; Marine Barracks, Brooklyn, 1878–9; frigate "Constitution," 1879–81; Marine Barracks, Brooklyn, 1881–3. Commissioned *Captain*, October 8, 1883. Retired, April 1, 1884.

A. S. Taylor.—Born in New Jersey. Appointed from New Jersey. Commissioned as *Second Lieutenant*, July 2, 1864; Headquarters, 1864; Marine Barracks, Mare Island, Cal., 1864–8. Commissioned as *First Lieutenant*, July 30, 1868; steam-sloop "Tuscarora," Pacific Fleet, 1868–71; Marine Barracks, Washington, 1871–2; Marine Barracks, Mare Island, 1872–4; training-ship "Minnesota," 1875–8; steamer "Quinnebaug," European Station, 1878–81; Marine Barracks, League Island, Pa., 1881; Marine Barracks, Pensacola, 1882–4; steamer "Lancaster," 1884–7. Promoted *Captain*, December 12, 1883; Marine Barracks, League Island, Pa., 1887–90. Retired, June 17, 1890.

Henry H. Coston.—Born in District of Columbia. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, March 9, 1865; Marine Barracks, Pensacola, 1865–75. Commissioned as *First Lieutenant*, 1871; Navy Yard, Norfolk, 1876–7; steamer "Hartford," 1875–9; Marine Barracks, Norfolk, 1879–82; steamer "Juniata," 1882–5; Marine Barracks, Norfolk, 1885–9. Promoted *Captain*, March 9, 1888; steamer "Baltimore," 1890–1. Retired, June 14, 1892.

Robert Dewar Wainwright.—Born in Maine. Appointed from Massachusetts. Commissioned *Second Lieutenant*, U. S. Marine Corps, December 4, 1869; Headquarters of the Corps, 1869–70; Marine Barracks, Boston, Mass., 1870–2; was in command of this post for two weeks, in the absence of its commanding officer; U. S. flag-ship "Lancaster," 1872–4; during the cruise, personally assisted three officers and fifty men in rescuing officers, crew, and passengers of the "Cotopaxi," Pacific Mail Steamship Co., also helped save that steamer, she being on a reef off the coast of Brazil; August 13, 1872, appointed by the Hon. Sec. of the Navy Judge-Advocate of all General Courts-Martial and Courts of Inquiry, and in all matters appertaining to that office which shall concern the naval forces, South Atlantic Station; in 1874, participated in all the naval drills at Key West and Florida Bay, and commanded the Eighth Company of the Marine Battalion, under Colonel Heywood, U. S. M. C., in drills ashore; Marine Barracks, Brooklyn,

N. Y., 1874; U. S. S. "Plymouth," 1874–5; Marine Barracks, Norfolk, Va., 1875–7. Commissioned *First Lieutenant*, U. S. M. C., March 17, 1877; July, 1877, on duty with a battalion of marines at Philadelphia and Baltimore, called to those cities to suppress railroad strikes; acted as Acting Assistant Quartermaster to the battalion, and afterwards as Captain of one of its companies; Marine Barracks, Brooklyn, N. Y., 1877–9; U. S. S. "Marion," 1879–82; Marine Barracks, Naval Academy, 1883; Marine Barracks, Norfolk, Va., 1883–5; commanded that post during the absence of the officers of command, who were on duty on the Isthmus of Panama; U. S. S. "Essex," 1886–9; while on this cruise, in company of two officers and twenty-five men, made a quick march from Chemulpo to Seoul, Corea, twenty-eight miles, being called by the American Minister to protect the Legation, etc. The admiral, in orders, commended the detachment for its very quick night march on a hard road, and in a strange country, its good conduct and military proficiency; during the latter part of the cruise, being the senior marine officer, he commanded the marine battalion while on shore duty; Marine Barracks, Norfolk, Va., 1889 to date of retirement, April, 17, 1893.

Retired under the provision of "An Act to provide for the examination of certain officers of the Marine Corps and to regulate promotions therein."

Henry C. Fisher.—Born in Pennsylvania. Appointed from Pennsylvania. Commissioned as *Second Lieutenant*, September 7, 1871; Marine Barracks, Washington, 1871–2; Marine Barracks, Norfolk, 1873; Marine Barracks, Brooklyn, N. Y., 1873; "Ticonderoga," N. A. Station, 1874; Marine Barracks, Philadelphia, 1874–5; "Adams," N. A. Station, 1875–7; Marine Barracks, Norfolk, 1878. Promoted to *First Lieutenant*, September 27, 1879; Marine Barracks, Brooklyn, 1879–80; R. S. "Wabash," 1880–2; steamer "Iroquois," Pacific Station, 1882–5; Marine Barracks, League Island, 1885–7; Marine Barracks, Norfolk, Va., 1889–91; "Baltimore," Pacific Station, 1891, to date of retirement, March 16, 1893. Promoted *Captain*, March 16, 1893.

Louis J. Gulick.—Born in New Jersey. Appointed from New Jersey. Commissioned *Second Lieutenant*, June 8, 1874; duty at Headquarters, Marine Corps, June to September, 1874; Marine Barracks, Brooklyn, September, 1874, to September, 1875; U. S. S. "Canandaigua," N. A. Station, September to November, 1875; Navy Yard, Brooklyn, November, 1875, to December 1876; U. S. S. "Alliance," N. A. Station, December, 1876, to December, 1879; Marine Barracks, Boston, December, 1879, to November, 1882; *First Lieutenant*, December 20, 1880; "Alliance," N. A. Station, November, 1882, to November, 1885; Marine Barracks, Brooklyn, November, 1885 to June, 1886; Marine Barracks, Portsmouth, N. H., June, 1886, to September, 1886; Marine Barracks, Brooklyn, September, 1886, to March, 1889; March 8, 1889, was directed to take charge of a Guard of Marines, and proceed to Panama, and join the U. S. S. "Mohican," to be transferred to the U. S. S. "Vandalia;" on falling in with her, on May 11, 1889, at Payta, Peru, was condemned by a Medical Survey, and sent to the Naval Hospital, Brooklyn, N. Y., and remained until July 22, 1889, then granted two months sick leave; at its expiration was ordered to Portsmouth, N. H., and remained until October, 1889; U. S. S. "Boston," cruising in Europe, South Atlantic, and West Indies, October, 1889, to October, 1891; Portsmouth, N. H., October, 1891, to December, 1892; Marine Barracks, Washington, D. C., December, 1892, to date of retirement, June 20, 1893. Promoted to *Captain*, June 20, 1893.

ERRATA.

Commodore James H. Gillis.—In the record of Commodore James H. Gillis, in the 7th line, Pacific Squadron and sloop "Germantown," Coast of Africa, should have been omitted. This officer commanded the "E. B. Hale," S. A. B. S., in 1862.

Captain Norman H. Farquhar.—Captain Norman H. Farquhar was awarded a gold medal by the Humane Society of Massachusetts for his conduct at Apia, Samoa, March 16, 1889.

Lieutenant Charles Fremont Pond.—In record of Charles Fremont Pond, 2d line should read, "Tuscarora," January and February, 1878; 6th line should read, Navy Yard, Mare Island, 1885–6; Coast Survey steamer "Hassler," 1886, and word Navigation substituted for Naval. He should be credited with service on "Pensacola," 1876–7; "Lackawanna," 1877–8; training-ship "Jamestown," 1878; and charge of Branch Hydrographic Office, San Francisco, 1884.

Lieutenant Valentine Sevier Nelson.—In record of Valentine Sevier Nelson, in 5th line, after 1890, read, "Ranger," September, 1890, to August, 1891; "Thetis," September, 1891, to September, 1892; in 6th line read, September, 1892, for 1890.

Lieutenant George M. McClure.—In the record of Lieutenant George M. McClure, immediately before the words "special duty," in the 4th line, should be inserted—"Housatonic," 1863–4, until she was blown up off Charleston, S. C.; "Wabash," 1864; sick leave, 1864; special duty, Erie, Pa., 1865; "Juniata," 1865–6; "Shamokin," 1867–8. Retired, November 9, 1868.

Medical-Inspector Theoron Woolverton.—In record of Medical-Inspector Theoron Woolverton, in 3d line, duty on "Wabash" should read, 1862–3; flag-ship "Hartford," 1864–5; 8th line should read, ship "Ohio," 1874–5; Naval Hospital, Norfolk, 1875–6; "Plymouth," N. A. Squadron, 1877–8; "Kearsarge," 1878–9.

Surgeon Charles U. Gravatt.—In record of Charles U. Gravatt, 2d line should read, "Pawnee," N. A. Station, 1871–3, and Naval Hospital, Philadelphia, omitted: 3d line should read, receiving-ship "Ohio," 1873–4, and receiving-ship "Independence," 1874–5. He should be credited with service at Naval Hospital, Philadelphia, 1870–1, and on "Constellation," 1880.

Passed Assistant Surgeon S. H. Griffiths.—In record of S. H. Griffiths, in 2d line, date of *Passed Assistant Surgeon* should read, December 15, 1880.

Chief Engineer John D. Ford.—In record of John D. Ford, from 45th line should read: Promoted to *Chief Engineer*, December 27, 1890; cruised in Behring Sea and the Asiatic Station; October, 1893, detached and granted leave of absence; January 11, 1894, ordered as Member and Recorder of the Naval Engineers' Examining Board; February 3, 1894, detached and ordered to the Maryland Agricultural and Mechanical College to organize the Department of Mechanical Engineering.

Chief Engineer Theodore Zeller.—In addition to record printed in proper place, Theodore Zeller should be credited with the following: June 11, 1862, ordered as President of a Board to test the comparative evaporative efficiency of varieties of coal for use in the Navy; March 30, 1866, ordered as President of a Board to determine a standard gauge for bolts and nuts for the Navy.

Corrections in the following records were received too late to make the desired alterations in the body of the book. They are therefore re-printed in corrected shape:

Captain Mortimer L. Johnson.—The record of Captain Mortimer R. Johnson should read as follows: Born in Massachusetts. Appointed from same State, November 29, 1859; Naval Academy, 1859–61; then attached to steamer "Susquehanna;" in August of same year ordered to frigate "Sabine," and then to the "Wabash;" was before Charleston, S. C., until 1864; *Ensign*, September 16, 1862. Commissioned as *Lieutenant*, February 22, 1864; was on board the "Colorado" at Fort Fisher, and then proceeded to the West Gulf Squadron; "Wateree," Pacific Squadron, December, 1865, to August, 1868. Commissioned as *Lieutenant-Commander*, July 25, 1866; "Plymouth," European Station, December, 1868, to 1870; Navy Yard, Portsmouth, New Hampshire, 1870–1; receiving-ship "Sabine," 1873–4; receiving-ship "Ohio," 1875; receiving-ship "Wabash," 1875–9. Promoted to *Commander*, May, 1878; commanding "Ashuelot," Asiatic Station, 1879–80; special duty, 1882; Navy Yard, Boston, 1884; commanding "Monocacy," Asiatic Station, 1889, to December, 1891; waiting orders, October, 1892, to May, 1893; Equipment Officer, Navy Yard, Portsmouth, May, 1893, to October, 1893; at present waiting orders. Commissioned *Captain*, 1893.

Charles A. Clarke.—By direction of President Lincoln, appointed a *Midshipman* from Iowa, July 21, 1864; *Ensign*, July 12, 1870; *Master*, March 22, 1873; *Lieutenant*, July 11, 1877; "Sabine," 1869–70; "Saranac," North Pacific Fleet, 1871; "Colorado," Asiatic Fleet, 1871–2; while attached to the "Colorado" took part in the attack on the Corean forts in 1872; "Saco," Asiatic Fleet, 1872–3; "Iroquois," 1874; "Michigan," 1875; "Monongahela," "Worcester," 1876; "Franklin," 1877–78; "Portsmouth," 1878–9; "Adams," Pacific Station, 1880–2; "Minnesota," 1882–3; "Nipsic," South Atlantic, 1883–6; while making passage in "Nipsic" from New York to Rio de Janeiro, sighted Belgian barque "Bogerhout," which was flying signal of distress; ordered to assume command of this vessel and take her into Rio, assisted by Ensigns Richardson and Swift; the Mate had died of beri-heri, and the Master was down with the same disease, and died after reaching Rio; this duty was accomplished, and the commander of the "Nipsic" received a decoration from the King of Belgium; "Independence," 1887–9; "Iroquois," Pacific Station, 1889–92; "Independence," October, 1892 to date. All duty since graduation has been performed on board ship.

Waldemar d'Arcy Rose.—Born in New Jersey. Entered June 5, 1872; graduated, June, 1876; U. S. S. "Pensacola," July, 1876, to February, 1877; transferred to "Omaha," February, 1877, to August, 1877; transferred to "Pensacola," August, 1877, to November, 1877; U. S. S. "Portsmouth," November, 1877, to February, 1879. Promoted *Ensign*, July 12, 1878; on Magnetic Survey of U. S. S. "Hassler," in Pacific Ocean," May, 1879, to October, 1881; U. S. S. "Colorado," November, 1881, to March, 1882; U. S. S. "Pinta," March, 1882–3; U. S. S. "Alliance," 1883–6; Marine Battalion at Panama under Colonel Heywood, 1886; Navy Yard, Mare Island, 1886; Board of Inspection and Hydrographic Office, San Francisco, 1887–8; U. S. S. "Monongahela," 1888–90; U. S. S. "Yantic," blowing up wrecks, 1890, to September, 1891; U. S. S. "Independence," 1892; U. S. S. "Nipsic," 1893; U. S. S. "Independence," 1893 to date. *Lieutenant* (junior grade), August, 1885; *Lieutenant*, May, 1891.

James Henry Hetherington.—Appointed from Iowa. Naval Academy, June 6, 1874; *Midshipman*, June 4, 1880; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), September 20, 1890; U. S. flag-ship "Richmond," Asiatic Station, 1878–80; "Kearsarge," North Atlantic Station, 1881–3; Coast Survey steamer "Gedney," 1883–5; Coast Survey steamer "Blake," 1885–6; Branch Hydrographic Office Philadelphia, 1886–7; "Michigan," 1887–90; "Essex," 1890; "Marion," Asiatic Station, 1891–2; "Mohican," Pacific Station. Jan. 6, 1893, to date.

Frederick Roland Brainard.—Appointed from Illinois. Naval Academy, June 21, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), June 27, 1893; "Galena," Europe, 1880–2; "New Hampshire," 1882; "Swatara" North Atlantic, 1882–3; Coast Survey, 1883–6; "Yantic," "Richmond" and "Ossipee," North Atlantic, 1886–9; Inspector of Steel and Ordnance, 1889–92; "Kearsarge," North Atlantic, 1892; wrecked, February 2, 1894; waiting orders.

William Edwin Safford.—Appointed from Ohio. Naval Academy, September 22, 1876; "Powhatan," N. Atlantic Station, September, 1880, to May, 1882; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), July 4, 1883; special duty, Smithsonian Institute, 1882–3; Yale College, 1883–5; Naval Academy, Instructor in Department of Modern Languages, 1888–90; World's Columbian Exposition, December, 1890, to May, 1893; U. S. R. S. "Wabash," October, 1885, to February, 1886; "Vandalia," February, 1886, to January, 1887; "Mohican," Pacific Station, January, 1887, to September, 1888; "Alliance," Pacific Station, May, 1893, to August, 1893; waiting orders, August, 1893, to January, 1894; Ordnance Instruction, January, 1894, to date.

Franklin Swift.—Appointed from Massachusetts. Naval Academy, June 9, 1874; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Lieutenant* (junior grade), July 4, 1893; "Richmond" and "Alert," China Station, 1880–2; "Nipsic" and "Brooklyn," South Atlantic Station, 1882–5; Fish Commission, steamer "Albatross," 1885–6; "Yantic," 1886–7; Coast Survey, 1887–90; "Petrel," 1890–2; serving in merchant service (on leave), 1892–3; served in the Brazil Mail and American Lines as First Officer; 1893 to present time, Coast Survey.

William Carpenter Pendleton Muir.—Appointed from Kentucky. Naval Academy, June 14, 1876; *Midshipman*, June 22, 1882; *Ensign* (junior grade), March 3, 1883; *Ensign*, June 26, 1884; *Lieutenant* (junior grade), February 7, 1893; "Galena," European Station, 1880–2; receiving-ship "Colorado," June to November, 1882; "Enterprise," 1882–3; "Essex" and "Palos," Asiatic Station, 1883–5; "Enterprise," 1885–6; Torpedo Station and Naval War College, June to November 21, 1886; Department of Astronomy, Naval Academy, 1886-9; "Yantic' and "Galena," N. A. Station, September, 1889, to July, 1890; Coast Survey steamer "Blake," July, 1890, to September, 1892; Bureau of Equipment, December, 1892, to September, 1893; Professor of Military Science, Linsley Institute, Wheeling, W. Va., September, 1893, to date.

John W. Ross.—Born in Tennessee. Appointed *Assistant Surgeon*, March 21, 1870; "Tallapoosa," North Atlantic Station, 1870; flag-ship "California," Pacific Station, 1871–3; Naval Hospital, Norfolk, 1874. Promoted to *Passed Assistant Surgeon*, 1875; flag-ship "Franklin," European Station, 1875–6; flag-ship "Trenton," European Station, 1877–8;

volunteered and served in Memphis yellow fever epidemics of 1878–9, for which he was promoted eight numbers in rank by the President, by and with the advice and consent of the Senate, in accordance with Section 1506, Revised Statutes; school-ship "St. Mary's," 1879–82. Promoted to *Surgeon*, 1881; "Iroquois," "Onward" and "Lackawanna," Pacific Station, 1882–5; Navy Yard, Pensacola, 1886–9; volunteered and served in East Florida yellow fever epidemic of 1888, during which he had charge at Fernandina; Navy Yard, Pensacola, 1890–3; "Independence," Mare Island, 1894, to date.

Ernest Norfleet.—Native of North Carolina. Appointed from North Carolina, *Assistant Surgeon*, May 21, 1874; June to December, 1874, Naval Hospital, Washington, D. C.; January to May, 1875, Darien Survey; June to September, 1875, special duty, Washington, D C.; September, 1875, to June, 1876, U. S. S. "Gettysburg;" November, 1876, to July, 1877, U. S. S. "Hartford;" July and August, 1877, U. S. S. "Powhatan;" September, 1877, to February, 1878, Naval Hospital, Norfolk, Va.; February to October, 1878, Naval Hospital, Chelsea, Mass.; December 10, 1878, *Passed Assistant Surgeon*; February to May, 1879, receiving-ship "Franklin;" May, 1879, to April, 1882, U. S. S. "Wachusett;" June and July, 1882, receiving-ship "Passaic;" August, 1882, to November, 1883, Naval Hospital, Mare Island, Cal.; November, 1883, to February, 1884, U. S. S. "Alert;" March to July, 1884, Naval Hospital, Yokohama; July, 1884, to January, 1885, U. S S. "Monocacy;" January, 1885, to July, 1886, Naval Hospital, Yokohama; July to September, 1886, U. S. S. "Alert;" February, 1887, to November, 1888, U. S. Naval Hospital, Mare Island, Cal.; December, 1888, to July, 1889, U. S. S. "Trenton;" September, 1889, to November, 1891, U. S. S. "Monocacy." Commissioned *Surgeon*, September 26, 1891. Retired, October 31, 1892.

Francis H. Swan.—Born in Massachusetts. Appointed from Massachusetts, December 9, 1861; entered the service as Acting Assistant Paymaster, U. S. N.; U. S. S. "Potomska," South Atlantic Blockading Squadron, December, 1861, to March, 1864; U. S. S. "Otsego," North Atlantic Blockading Squadron, May to October, 1864; taken prisoner at the destruction of the "Albemarle," October 27, 1864; prisoner of war (Salisbury, N. C., Danville, Va., Richmond, Va.) until February, 1865. Promoted to *Assistant Paymaster*, U. S. N., March 9, 1865; U. S. S. "Frolic," European Squadron, June, 1865, to August, 1867. Promoted to *Passed Assistant Paymaster*, U. S. N., May 4, 1866. Promoted to *Paymaster*, U. S. N., March 5, 1867; U. S. S. "Saranac," North Pacific Squadron, November, 1867, to November, 1868; U. S. S. "Macedonian," practice cruise, April to September, 1869; ships "Macedonian" and "Savannah," U. S. Naval Academy, October, 1869, to June, 1870; U. S. receiving-ship "Ohio," Boston Navy Yard, October, 1870, to October, 1873; U. S. S. "Plymouth," North Atlantic Station, October, 1874, to June, 1875; U. S. flag-ship "Worcester," North Atlantic Station (Fleet-Paymaster), June to December, 1875; Paymaster of the Boston Navy Yard, September, 1876, to June, 1878; Storekeeper, U. S. Naval Academy and U. S. S. "Santee," August, 1878, to June, 1881; special duty, Washington, January to March, 1883; U. S. S. "Powhatan," special service, December, 1883, to August, 1884. Promoted to *Pay-Inspector*, U. S. N., February 6, 1881; U. S. flag-ship "Tennessee" (Fleet-Paymaster), North Atlantic Station, March to May, 1886. Retired from sickness incident to the service, July 15, 1886.

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